Technical Specification Group Terminals Meeting #16, Marco Island, Florida, USA, 5-7 June 2002

Source:	T1
Title:	CR's to TS 34.108 v3.7.1 and v4.2.1 for approval
Agenda item:	5.1.3
Document for:	Approval

This document contains 13 CRs to TS 34.108 v3.7.1 and 13 CRs to TS 34.108 v4.2.1. These CRs have been agreed by T1 and are put forward to TSG T for approval.

## CRs related to maintenance of R99:

Spec	CR	Rev	Release	Subject	Cat	Version Current	Version -New	Doc-2nd- Level	Workitem
34.108	096		R99	Correction to clause 7.3.3.4 RADIO BEARER SETUP message	F	3.7.1	3.8.0	T1-020271	
34.108	097		R99	hange of RM attribute of DL:3.4 kbps SRBs for CCH in TS34.108 for R99		3.7.1	3.8.0	T1-020272	
34.108	098		R99	ew additional RAB configuration ( R1-020669) for 99		3.7.1	3.8.0	T1-020273	
34.108	099		R99	orrection of Puncturing Limit for RABs in TS34.108 r R99		3.7.1	3.8.0	T1-020274	
34.108	100		R99	Test USIM	F	3.7.1	3.8.0	T1-020275	
34.108	101		R99	Section 6.1 (SIBs)Rel 99 TDD	F	3.7.1	3.8.0	T1-020276	
34.108	102		R99	Section 6.10 References for TDD about Clarification of bit rate of Interactive/Background PS RAB	F	3.7.1	3.8.0	T1-020277	
34.108	103		R99	Correction to default message on clause 9 for Rel'99	F	3.7.1	3.8.0	T1-020278	
34.108	104		R99	Correction to clause 6.1 for Rel'99	F	3.7.1	3.8.0	T1-020279	
34.108	105		R99	WCDMA1800 additions for Rel'99	F	3.7.1	3.8.0	T1-020280	
34.108	106		R99	Section 7(reference) Update of generic setup procedures to use 13.6 kbps SRB in RRC connection establishment TDD	F	3.7.1	3.8.0	T1-020281	
34.108	107		R99	Section 9.1, Inclusion of Default message contents for TDD Rel 99(TS34.108)	F	3.7.1	3.8.0	T1-020282	

### CRs related to maintenance of Rel-4:

Spec	CR	Rev	Release	Subject	Cat	Version Current	Version -New	Doc-2nd- Level	Workitem
34.108	108		Rel-4	Section 7(reference) Update of generic setup procedures to use 13.6 kbps SRB in RRC connection establishment TDD (3.84 Mcps and 1.28 Mcps)	F	4.2.1	4.3.0	T1-020289	TEI, LCRTDD
34.108	109		Rel-4	Correction to clause 7.3.3.4 RADIO BEARER SETUP message	A	4.2.1	4.3.0	T1-020291	TEI
34.108	110		Rel-4	Change of RM attribute of DL:3.4 kbps SRBs for DCCH in for REL4	A	4.2.1	4.3.0	T1-020292	TEI
34.108	111		Rel-4	New additional RAB configuration (R1-020669) for REL4	A	4.2.1	4.3.0	T1-020293	TEI
34.108	112		Rel-4	Correction of Puncturing Limit for RABs for REL4	A	4.2.1	4.3.0	T1-020294	TEI
34.108	113		Rel-4	Test USIM	A	4.2.1	4.3.0	T1-020295	TEI
34.108	114		Rel-4	Section 6.1 (SIBs)Rel 4 (3.84 Mcps and 1.28 Mcps TDD)	F	4.2.1	4.3.0	T1-020296	TEI, LCRTDD
34.108	115		Rel-4	Section 6.10 References for TDD about Clarification of bit rate of Interactive/Background PS RAB	A	4.2.1	4.3.0	T1-020297	TEI
34.108	116		Rel-4	Correction to default message in clause 9 for Rel4	A	4.2.1	4.3.0	T1-020298	TEI
34.108	117		Rel-4	Correction to clause 6.1 for Rel4	A	4.2.1	4.3.0	T1-020299	TEI

34.108	118	Rel-4	WCDMA1800 additions for Rel4	А	4.2.1	4.3.0	T1-020300	TEI
34.108	119	Rel-4	Section 9.1 Default message contents for TDD (3.84 F		4.2.1	4.3.0	T1-020301	TEI,
			Mcps and 1.28 Mcps) R4					LCRTDD

# CRs approved by T1/Sig #22 but missing at T1 meeting:

Spec	CR	Rev	Release	Subject	Cat	Version Current	Version -New	Doc-2nd- Level	Workitem
34.108	120		R99	Update of generic setup procedures to use 13.6 kbps SRB in RRC connection establishment	F	3.7.1	3.8.0	T1-020433	
34.108	121		Rel-4	Update of generic setup procedures to use 13.6 kbps SRB in RRC connection establishment	A	4.2.1	4.3.0	T1-020434	TEI

CHANGE REQUEST										
ж	34.	<mark>.108</mark>	CR <mark>096</mark>	ж rev	-	ж	Current versi	ion: <b>3.7</b>	.1	ж
For <u><b>HELP</b></u> on using this form, see bottom of this page or look at the pop-up text over the $#$ symbols.										
Proposed chan	Proposed change affects: # (U)SIM ME/UE X Radio Access Network Core Network									
Title:	¥ CR	to 34.1	108 R99 ; Corr	ection to clau	<mark>se 7.3.</mark>	<mark>3.4 F</mark>	RADIO BEARI	ER SETUP	mes	ssage
Source:	ж <mark>МС</mark>	ļ								
Work item code	e: ೫ <mark>TEI</mark>						Date: ೫	17 May, 2	2002	
Category:	Category:%FRelease: %R99Use one of the following categories:Use one of the following releases:F (correction)2(GSM Phase 2)A (corresponds to a correction in an earlier release)R96(Release 1996)B (addition of feature),R97(Release 1997)C (functional modification of feature)R98(Release 1998)D (editorial modification)R99(Release 1999)Detailed explanations of the above categories canREL-4(Release 4)be found in 3GPP TR 21.900.REL-5(Release 5)									
Reason for cha	nge: Ж	To av	void unnecess	ary cell updat	e proce	dure	during meas	urement.		
Summary of cha	ange: ¥	A new to CE	w C-RNTI valu LL_FACH sta	e is added int te from CELL	o RAD _DCH s	IO BI state	EARER SETU	JP messag	e to	transit
Consequences not approved:	if ¥	Test	condition is no	t matched for	measu	ureme	et of Rx Spuri	ous Emissi	on.	
Clauses affecte	d: ೫	7.3.3.	.4							
Other specs affected:	ж	Oth Te: O8	her core speci st specification &M Specification	fications ns ons	ж					

# Other comments: X

#### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. 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.
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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.

# T1-020271

# T1S020325

CR-Form-v5.1

# 3GPP TSG- T1 Meeting #15 Lund, Sweden, 21<sup>st</sup>, 24<sup>th</sup> May 2002

3GPP TSG-T1/SIG Meeting #23 Lund, Sweden, 20<sup>st</sup> - 23<sup>rd</sup> May, 2002 1

# 7.3.3.4 Specific message contents

The default message contents specified in clause 9.2 are used with the following exceptions.

#### Contents of RADIO BEARER SETUP message: RRC

Information Element	Value/remark				
New C-RNTI	<u>'1010 1010 1010 1010'</u>				
RRC State indicator	CELL_FACH				

# 3GPP TSG- T1/SIG Meeting #23 Lund, Sweden, 21<sup>st</sup>/24<sup>th</sup> May 2002

3GPP TSG- T1/SIG Meeting #23 Lund, Sweden, 21<sup>st</sup>-23<sup>rd</sup> May 2002

3GPP TSG-RAN WG1 Meeting #25 Paris, France, 09-12<sup>th</sup> April 2002

													Form-v5	
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For <u><b>HELP</b></u> on using this form, see bottom of this page or look at the pop-up text over the <b>#</b> symbols.														
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Other specs Affected:	%       Other core specifications       %         Test specifications       %         Ø&M Specifications
Other comments:	¥

# DCCH quality cannot be guranteed when SCH hits DCCH part in some

#### How to create CRs using this form:

Consequences if

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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.

6.10.2.4.1.2.2	Downlink

6.10.2.4.1.2.2.1 Transport channel parameters

#### 6.10.2.4.1.2.2.1.1 Transport channel parameters for DL:3.4 kbps SRBs for DCCH

Higher layer	RAB/signalling RB		SRB#1	SRB#2	SRB#3	SRB#4			
	User of Radio Bea	rer	RRC	RRC	NAS_DT	NAS_DT			
					High prio	Low prio			
RLC	Logical channel typ	be	DCCH	DCCH	DCCH	DCCH			
	RLC mode		UM	AM	AM	AM			
	Payload sizes, bit		136	128	128	128			
	Max data rate, bps		3400	3200	3200	3200			
	AMD/UMD PDU he	eader, bit	8	16	16	16			
MAC	MAC header, bit		4	4	4	4			
	MAC multiplexing				el multiplexing				
Layer 1	TrCH type			D	СН				
-	TB sizes, bit		148 (alt 0, 148) (note)						
	TFS	TF0, bits	0x148 (alt 1x0) (note)						
		TF1, bits		1x1	48				
	TTI, ms		40						
	Coding type		CC 1/3						
	CRC, bit			1	6				
	Max number of bits	s/TTI before rate	516						
	matching								
	RM attribute		155- <u>230</u> 1 <del>85</del>						
NOTE: alternativ	e parameters enable	e the measurement '	transport char	inel BLER" in t	he UE.				

			CHAN	GE RI	EQU	EST	-			CR-Form-v5
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Consequences if not approved:	ж	Support o	f the propo	sed refere	ence RA	B can	not be gara	nteed for	Rel'99	UE.
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Other specs Affected:	ж	Other of Test sp O&M S	ore specifi ecification pecification	cations s ns	ж					
Other comments:	ж									

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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.

#### <Start of modified section>

#### 6.10.2.2 Combinations of RABs and Signalling RBs

In the present document, physical channel parameters for following combinations of RABs and signalling RBs on a CCTrCH are described.

NOTE: It is understood that for speech service the AMR mode may be operated asymmetrically for the uplink and downlink.

#### Combinations on DPCH

- 1) Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH.
- 2) Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 3) Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH.
- 4) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 4a) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 5) Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 5a) Conversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 6) Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 7) Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 7a) Conversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 8) Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 9) Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 10) Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH.
- 11) Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH.
- 12) Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 13) Conversational / unknown / UL:64 DL:64 kbps / CS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 14) Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 15) Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.

- 17) Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 18) Streaming / unknown / UL:0 DL:64 kbps / CS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 19) Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 20) Streaming / unknown / UL:0 DL:128 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 21) Streaming / unknown / UL:128 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 22) Streaming / unknown / UL:0 DL:384 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23) Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23a) Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23b) Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23c) Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23d) Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 24) Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 25) Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 26) Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 27) Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 28) Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 29) Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 30) Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 31) Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 32) Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 33) Interactive or background / UL:128 DL:384 kbps / PS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 34) Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.

- 35) Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 36) Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 37) Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:32 DL:8 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38a) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:0 DL:0 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 38b) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:8 DL:8 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 38c) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 38d) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:64 DL:64 kbps / PS RAB
  + Interactive or background / UL:64 DL:64 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 38e) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB
  + Interactive or background / UL:0 DL:0 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38f) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB
  + Interactive or background / UL:8 DL:8 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38g) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38h) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38i) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB
   + Interactive or background / UL:64 DL:64 kbps / PS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38j) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB
   + Interactive or background / UL:64 DL:128 kbps / PS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 39) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:32 DL:64 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 40) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 41) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:64 DL:128 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.

- 42) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 43) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:64 DL:384 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 44) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:128 DL:2048 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 45) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 46) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Streaming / unknown / UL:0 DL:64 kbps / CS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 47) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Streaming / unknown / UL:0 DL:128 kbps / CS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 48) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Streaming / unknown / UL:0 DL:384 kbps / CS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 49) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Conversational / unknown / UL:64 DL:64 kbps / CS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- <u>49a)</u> Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB <u>+ Conversational / unknown / UL:64 DL:64 kbps / CS RAB</u> + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 50) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 51) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 51a) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 51b) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 52) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 53) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 54) Interactive or /background / UL:64 kbps DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.

- 55) Interactive or /background / UL:64 kbps DL:128 kbps / PS RAB
  + Streaming / unknown / UL:0 DL:128 kbps / CS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 56) Interactive or background / UL:8 DL:8 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 57) Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 58) Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.

#### Combinations on DSCH and DPCH

- 1) Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 2) Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 3) Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 4) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
   + Interactive or background / UL:64 DL:256 kbps / PS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 5) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 6) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
   + Interactive or background / UL:64 DL:2048 kbps / PS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.

#### Combinations on SCCPCH

- 1) Stand-alone 24 kbps SRB for PCCH.
- 2) Interactive or background / DL:32 kbps / PS RAB
  + SRB for CCCH
  + SRBs for DCCH
  + SRB for BCCH.
- 3) Interactive or background / DL:32 kbps / PS RAB
  + SRB for PCCH
  + SRB for CCCH
  + SRBs for DCCH
  + SRB for BCCH.
- 4) RB for CTCH + SRB for CCCH +SRB for BCCH

Combinations on PRACH

Interactive or background / UL:32 kbps / PS RAB
 + SRB for CCCH
 + SRBs for DCCH.

## <Start of modified section>

<u>6.10.2.4.1.49a</u> <u>Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS</u> <u>RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps</u> <u>SRBs for DCCH</u>

6.10.2.4.1.49a.1 Uplink

6.10.2.4.1.49a.1.1 Transport channel parameters

6.10.2.4.1.49a.1.1.1 Transport channel parameters for Conversational / speech / UL: (12.2 7.95 5.9 4.75) kbps / CS RAB

See clause 6.10.2.4.1. 4a.1.1.1.

6.10.2.4.1.49a.1.1.2 Transport channel parameters for Conversational / unknown / UL:64 kbps / CS RAB

See clause 6.10.2.4.1.13.1.1.1.

6.10.2.4.1.49a.1.1.3 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

6.10.2.4.1.49a.1.1.4 TFCS

TFCS size	24
TFCS	(RAB subflow#1, RAB subflow#2, RAB subflow#3, 64 kbps RAB, DCCH)=
	(TF0,TF0,TF0,TF0,TF0), (TF1,TF0,TF0,TF0), (TF2,TF1,TF0,TF0,TF0),
	(TF3,TF2,TF0,TF0,TF0), (TF4,TF3,TF0,TF0), (TF5,TF4,TF1,TF0,TF0),
	(TF0,TF0,TF0,TF1,TF0), (TF1,TF0,TF1,TF0), (TF2,TF1,TF0,TF1,TF0),
	(TF3,TF2,TF0,TF1,TF0), (TF4,TF3,TF0,TF1,TF0), (TF5,TF4,TF1,TF1,TF0),
	(TF0,TF0,TF0,TF0,TF1), (TF1,TF0,TF0,TF1), (TF2,TF1,TF0,TF0,TF1),
	(TF3,TF2,TF0,TF0,TF1), (TF4,TF3,TF0,TF0,TF1), (TF5,TF4,TF1,TF0,TF1),
	(TF0,TF0,TF0,TF1,TF1), (TF1,TF0,TF0,TF1,TF1), (TF2,TF1,TF0,TF1,TF1),
	(TF3,TF2,TF0,TF1,TF1), (TF4,TF3,TF0,TF1,TF1), (TF5,TF4,TF1,TF1,TF1)

6.10.2.4.1.49a.1.2 Physical channel parameters

DPCH	Min spreading factor	<u>16</u>
<u>Uplink</u>	Max number of DPDCH data bits/radio	<u>2400</u>
	<u>frame</u>	
	Puncturing Limit	<u>0.72</u>

6.10.2.4.1.49a.2 Downlink

6.10.2.4.1.49a.2.1 Transport channel parameters

6.10.2.4.1.49a.2.1.1 Transport channel parameters for Conversational / speech / DL: (12.2 7.95 5.9 4.75) kbps / CS RAB

See clause 6.10.2.4.1. 4a.2.1.1.

6.10.2.4.1.49a.2.1.2	Transport channel	parameters for	Conversational	/ unknown /	DL:64 kbps /	CS RAB
See clause 6 10 2 4 1 13	211					

6.10.2.4.1.49a.2.1.3 Transport channel parameters for DL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.2.1.1

6.10.2.4.1.49a.2.1.4 TFCS

TFCS size	24
TFCS	(RAB subflow#1, RAB subflow#2, RAB subflow#3, 64 kbps RAB, DCCH)=
	(TF0,TF0,TF0,TF0,TF0), (TF1,TF0,TF0,TF0,TF0), (TF2,TF1,TF0,TF0,TF0),
	(TF3,TF2,TF0,TF0,TF0), (TF4,TF3,TF0,TF0,TF0), (TF5,TF4,TF1,TF0,TF0),
	(TF0,TF0,TF0,TF1,TF0), (TF1,TF0,TF0,TF1,TF0), (TF2,TF1,TF0,TF1,TF0),
	(TF3,TF2,TF0,TF1,TF0), (TF4,TF3,TF0,TF1,TF0), (TF5,TF4,TF1,TF1,TF0),
	(TF0,TF0,TF0,TF0,TF1), (TF1,TF0,TF0,TF0,TF1), (TF2,TF1,TF0,TF0,TF1),
	<u>(TF3,TF2,TF0,TF0,TF1), (TF4,TF3,TF0,TF0,TF1), (TF5,TF4,TF1,TF0,TF1),</u>
	(TF0,TF0,TF0,TF1,TF1), (TF1,TF0,TF0,TF1,TF1), (TF2,TF1,TF0,TF1,TF1),
	(TF3,TF2,TF0,TF1,TF1), (TF4,TF3,TF0,TF1,TF1), (TF5,TF4,TF1,TF1,TF1)

## 6.10.2.4.1.49a.2.2 Physical channel parameters

DPCH	DTX posit	ion	Flexible
<b>Downlink</b>	Spreading	<u>factor</u>	<u>32</u>
	DPCCH	Number of TFCI bits/slot	8
		Number of TPC bits/slot	<u>4</u>
		Number of Pilot bits/slot	<u>8</u>
	DPDCH	Number of data bits/slot	<u>140</u>
		Number of data bits/frame	<u>2100</u>

<End of modified section>

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ounnary or chang	23c	) Interactive kbps SRE PL is char	e or backg s for DCC nged from	round / U H. 0.96 to 0.	L:32	DL:3	32 kbps / PS F	RAB +	• UL:3.4 D	1L:3.4
	23d	) Interactive UL:3.4 DL PL is cha	e or backg _:3.4 kbps nged from	round / U SRBs for from 0.96	L:32 DCC 6 to 0	DL:3 H. .88.	32 kbps / PS F	RAB (2	20 ms TT	l) +
	38d	) Conversa backgrou UL:64 DL PL is cha	tional / spe nd / UL:64 :64 kbps / nged from	ech / UL DL:64 kb PS RAB 0.88 to 0.	:12.2 ps / F + UL: .76.	DL: PS F :3.4	12.2 kbps / CS RAB + Interact DL:3.4 kbps S	S RAE ive or RBs f	B + Intera backgrou for DCCH	ctive or und /
	38g	) Conversa kbps / CS UL:3.4 DI PL is cha	tional / spe RAB + Int .:3.4 kbps nged from	eech / UL eractive of SRBs for 1 to 0.88	:(12.2 or bad DCC	2 7.9 ckgr H.	95 5.9 4.75) DI ound / UL:16 I	L:(12. DL:16	2 7.95 5.9 kbps / P3	9 4.75) S RAB +
	51a	) Conversa Backgrou DCCH PL is cha	tional / unl nd / UL:8 [ nged from	known / U DL:8 kbps 0.88 to 0.	IL:64 5 / PS .72.	DL: RA	64 kbps / CS I B + UL:3.4 DL	RAB - .:3.4 k	+ Interacti <bps srb<="" th=""><th>ve or s for</th></bps>	ve or s for
	51b	) Conversa Backgrou DCCH PL	tional / unl nd / UL:16 . is change	known / U DL:64 kb d from fro	JL:64 ops / I om 0.	DL:( PS F 80 t	64 kbps / CS I RAB + UL:3.4 o 0.64.	RAB - DL:3.	+ Interacti 4 kbps SI	ve or RBs for
Consequences if not approved:	ж Trai	nsport char	nel balanc	ing of the	RAE	3 cor	mbinations is i	mpaii	red.	

Clauses affected:	¥ 6.10.2.4.1
Other specs affected:	%       Other core specifications       %         Test specifications       0&M Specifications
Other comments:	X

#### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

## <Start of modified section>

- 6.10.2.4.1.23c Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 6.10.2.4.1.23c.1 Uplink
- 6.10.2.4.1.23c.1.1 Transport channel parameters

6.10.2.4.1.23c.1.1.1 Transport channel parameters for Interactive or background / UL:32 kbps / PS RAB

Higher layer	RAB/Signa	alling RB	RAB
RLC	Logical ch	annel type	DTCH
	RLC mode	)	AM
	Payload si	izes, bit	320
	Max data ı	rate, bps	32000
	AMD PDU	header, bit	16
MAC	MAC head	ler, bit	0
	MAC multi	iplexing	N/A
Layer 1	TrCH type		DCH
-	TB sizes, I	bit	336
	TFS	TF0, bits	0x336
		TF1, bits	1x336
		TF2, bits	2x336
		TF3, bits	3x336
		TF4, bits	4x336
	TTI, ms		40
	Coding typ	De	TC
	CRC, bit Max number of bits/TTI after channel coding		16
			4236
	Uplink: Ma	ax number of bits/radio frame	1059
	before rate	e matching	
	RM attribu	te	135-175

6.10.2.4.1.23c.1.1.2 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

#### 6.10.2.4.1.23c.1.1.3 TFCS

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TFCS size	10
TFCS	(32 kbps RAB, DCCH)=
	(TF0,TF0), (TF1,TF0), (TF2,TF0), (TF3,TF0), (TF4,TF0), (TF0,TF1), (TF1,TF1), (TF2,TF1),
	(TF3,TF1), (TF4,TF1)

#### 6.10.2.4.1.23c.1.2 Physical channel parameters

DPCH	Min spreading factor	32
Uplink	Max number of DPDCH data bits/radio	1200
	frame	
	Puncturing Limit	<del>0.96</del> 0.88

- 6.10.2.4.1.23c.2 Downlink
- 6.10.2.4.1.23c.2.1 Transport channel parameters

6.10.2.4.1.23c.2.1.1 Transport channel parameters for Interactive or background / DL:32 kbps / PS RAB

Higher layer	RAB/Sigr	nalling RB	RAB
RLC	Logical c	hannel type	DTCH
	RLC mod	de	AM
	Payload	sizes, bit	320
	Max data	a rate, bps	32000
	AMD PD	U header, bit	16
MAC	MAC hea	ader, bit	0
	MAC mu	Itiplexing	N/A
Layer 1	TrCH type		DCH
	TB sizes,	, bit	336
	TFS	TF0, bits	0x336
		TF1, bits	1x336
		TF2, bits	2x336
		TF3, bits	3x336
		TF4, bits	4x336
	TTI, ms Coding type		40
			TC
	CRC, bit		16
	Max num	ber of bits/TTI after channel coding	4236
	RM attrib	oute	135-175

6.10.2.4.1.23c.2.1.2 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.2.1.1.

#### 6.10.2.4.1.23c.2.1.3 TFCS

TFCS size	10
TFCS	(32 kbps RAB, DCCH)=
	(TF0,TF0), (TF1,TF0), (TF2,TF0), (TF3,TF0), (TF4,TF0), (TF0,TF1), (TF1,TF1), (TF2,TF1),
	(TF3,TF1), (TF4,TF1)

#### 6.10.2.4.1.23c.2.2 Physical channel parameters

DPCH	DTX position		Flexible
Downlink			
	Spreading factor		64
	DPCCH	Number of TFCI bits/slot	8
		Number of TPC bits/slot	4
		Number of Pilot bits/slot	8
	DPDCH	Number of data bits/slot	60
		Number of data bits/frame	900

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- 6.10.2.4.1.23d Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI)+ UL:3.4 DL:3.4 kbps SRBs for DCCH
- 6.10.2.4.1.23d.1 Uplink
- 6.10.2.4.1.23d.1.1 Transport channel parameters

6.10.2.4.1.23d.1.1.1 Transport channel parameters for Interactive or background / UL:32 kbps / PS RAB

Higher layer	RAB/Signalling RB	RAB
RLC	Logical channel type	DTCH
	RLC mode	AM
	Payload sizes, bit	320
	Max data rate, bps	32000
	AMD PDU header, bit	16
MAC	MAC header, bit	0
	MAC multiplexing	N/A
Layer 1	TrCH type	DCH
_	TB sizes, bit	336
	TFS TF0, bits	0x336
	TF1, bits	1x336
	TF2, bits	2x336
	TTI, ms	20
	Coding type	TC
	CRC, bit	16
	Max number of bits/TTI after channel coding	2124
	Uplink: Max number of bits/radio frame	1062
	before rate matching	
	RM attribute	135-175

#### 6.10.2.4.1.23d.1.1.2 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

6.10.2.4.1.23d.1.1.3 TFCS

TFCS size	6
TFCS	(32 kbps RAB, DCCH)=
	(TF0,TF0), (TF1,TF0), (TF2,TF0), (TF0,TF1), (TF1,TF1), (TF2,TF1)

6.10.2.4.1.23d.1.2 Physical channel parameters

DPCH	Min spreading factor	32
Uplink	Max number of DPDCH data bits/radio	1200
	frame	
	Puncturing Limit	<del>0.96</del> 0.88

- 6.10.2.4.1.23d.2 Downlink
- 6.10.2.4.1.23d.2.1 Transport channel parameters

6.10.2.4.1.23d.2.1.1 Transport channel parameters for Interactive or background / DL:32 kbps / PS RAB

Higher layer	RAB/Signa	alling RB	RAB
RLC	Logical cha	annel type	DTCH
	RLC mode	)	AM
	Payload si	zes, bit	320
	Max data r	rate, bps	32000
	AMD PDU header, bit		16
MAC	MAC header, bit		0
	MAC multiplexing		N/A
Layer 1	1 TrCH type TB sizes, bit		DCH
			336
	TFS	TF0, bits	0x336
		TF1, bits	1x336
		TF2, bits	2x336
	TTI, ms Coding type		20
			TC
	CRC, bit		16
	Max numb	er of bits/TTI after channel coding	2124
	RM attribute		135-175

6.10.2.4.1.23d.2.1.2 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.2.1.1.

#### 6.10.2.4.1.23d.2.1.3 TFCS

TFCS size	6
TFCS	(32 kbps RAB, DCCH)= (TE0 TE0) (TE1 TE0) (TE2 TE0) (TE0 TE1) (TE1 TE1) (TE2 TE1)

#### 6.10.2.4.1.23d.2.2 Physical channel parameters

DPCH Downlink	DTX position		Flexible
	Spreading factor		64
	DPCCH	Number of TFCI bits/slot	8
		Number of TPC bits/slot	4
		Number of Pilot bits/slot	8
	DPDCH	Number of data bits/slot	60
		Number of data bits/frame	900

<End of modified section>

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<start< th=""><th>of</th><th>modified</th><th>section&gt;</th></start<>	of	modified	section>
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6.10.2.4.1.38d Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH

6.10.2.4.1.38d.1 Uplink

6.10.2.4.1.38d.1.1 Transport channel parameters

6.10.2.4.1.38d.1.1.1 Transport channel parameters for Conversational / speech / UL:12.2 kbps / CS RAB

See clause 6.10.2.4.1.4.1.1.1.

6.10.2.4.1.38d.1.1.2 Transport channel parameters for Interactive or background / UL:64 kbps / PS RAB + UL:64 kbps / PS RAB

Higher	RAB/Signalling RB		RAB	RAB
Layer				
RLC	Logical channel type		DTCH	DTCH
	RLC mode	e	AM	AM
	Payload s	izes, bit	320	320
	Max data	rate, bps	64000	64000
	AMD PDL	J header, bit	16	16
MAC	MAC head	der, bit	4	4
	MAC mult	iplexing	2 logical chann	el multiplexing
Layer 1	TrCH type		DC	)H
-	TB sizes,	bit	34	0
	TFS	TF0, bits	0x3	40
		TF1, bits	1x3	40
		TF2, bits	2x3	40
		TF3, bits	3x3	40
		TF4, bits	4x3	40
	TTI, ms		20	
	Coding ty	pe	TC	
	CRC, bit		16	
	Max numb	per of bits/TTI after channel coding	428	84
	Uplink: Ma	ax number of bits/radio frame	2142	
	before rat	e matching		
	RM attribute		130-	170

6.10.2.4.1.38d.1.1.3 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

#### 6.10.2.4.1.38d.1.1.4 TFCS

TFCS size	30
TFCS	(RAB subflow#1, RAB subflow#2, RAB subflow#3, 64 kbps RAB + 64 kbps RAB, DCCH)=
	(TF0,TF0,TF0,TF0,TF0), (TF1,TF0,TF0,TF0),(TF2,TF1,TF1,TF0,TF0),
	(TF0,TF0,TF0,TF1,TF0), (TF1,TF0,TF0,TF1,TF0),(TF2,TF1,TF1,TF1,TF0),
	(TF0,TF0,TF0,TF2,TF0), (TF1,TF0,TF0,TF2,TF0),(TF2,TF1,TF1,TF2,TF0),
	(TF0,TF0,TF0,TF3,TF0), (TF1,TF0,TF0,TF3,TF0),(TF2,TF1,TF1,TF3,TF0),
	(TF0,TF0,TF0,TF4,TF0), (TF1,TF0,TF0,TF4,TF0),(TF2,TF1,TF1,TF4,TF0),
	(TF0,TF0,TF0,TF0,TF1), (TF1,TF0,TF0,TF0,TF1),(TF2,TF1,TF1,TF0,TF1),
	(TF0,TF0,TF0,TF1,TF1), (TF1,TF0,TF0,TF1,TF1),(TF2,TF1,TF1,TF1,TF1),
	(TF0,TF0,TF0,TF2,TF1), (TF1,TF0,TF0,TF2,TF1),(TF2,TF1,TF1,TF2,TF1),
	(TF0,TF0,TF0,TF3,TF1), (TF1,TF0,TF0,TF3,TF1),(TF2,TF1,TF1,TF3,TF1),
	(TF0,TF0,TF0,TF4,TF1), (TF1,TF0,TF0,TF4,TF1),(TF2,TF1,TF1,TF4,TF1)

1

#### 6.10.2.4.1.38d.1.2 Physical channel parameters

DPCH	Min spreading factor	16
Uplink	Max number of DPDCH data bits/radio	2400
	frame	
	Puncturing Limit	<del>0.88</del> <u>0.76</u>

6.10.2.4.1.38d.2 Downlink

#### 6.10.2.4.1.38d.2.1 Transport channel parameters

6.10.2.4.1.38d.2.1.1 Transport channel parameters for Conversational / speech / DL:12.2 kbps / CS RAB

See clause 6.10.2.4.1.4.2.1.1.

# 6.10.2.4.1.38d.2.1.2 Transport channel parameters for Interactive or background / DL:64 kbps / PS RAB + DL:64 kbps / PS RAB

Higher Layer	RAB/Signalling RB			RAB	
RLC	Logical channel type		DTCH	DTCH	
	RLC mode		AM	AM	
	Payload size	zes, bit	320	320	
	Max data r	ate, bps	64000	64000	
	AMD PDU	header, bit	16	16	
MAC	MAC head	er, bit	4	4	
	MAC multi	olexing	2 logical chan	2 logical channel multiplexing	
Layer 1	er 1 TrCH type		DCH		
-	TB sizes, b	vit	340		
	TFS	0x340	0x	340	
		1x340	1x	340	
		2x340	2x	340	
		3x340	3x340		
	4x340		4x340		
	TTI, ms		20		
	Coding type		TC		
	CRC, bit		16		
	Max numb	er of bits/TTI after channel coding	4284		
	RM attribut	e	130	-170	

6.10.2.4.1.38d.2.1.3 Transport channel parameters for DL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.2.1.1.

6.10.2.4.1.38d.2.1.4 TFCS

TFCS size	30
TFCS	(RAB subflow#1, RAB subflow#2, RAB subflow#3, 64 kbps RAB + 64 kbps RAB, DCCH)=
	(TF0,TF0,TF0,TF0,TF0), (TF1,TF0,TF0,TF0),(TF2,TF1,TF1,TF0,TF0),
	(TF0,TF0,TF0,TF1,TF0), (TF1,TF0,TF0,TF1,TF0),(TF2,TF1,TF1,TF1,TF0),
	(TF0,TF0,TF0,TF2,TF0), (TF1,TF0,TF0,TF2,TF0),(TF2,TF1,TF1,TF2,TF0),
	(TF0,TF0,TF0,TF3,TF0), (TF1,TF0,TF0,TF3,TF0),(TF2,TF1,TF1,TF3,TF0),
	(TF0,TF0,TF0,TF4,TF0), (TF1,TF0,TF0,TF4,TF0),(TF2,TF1,TF1,TF4,TF0),
	(TF0,TF0,TF0,TF0,TF1), (TF1,TF0,TF0,TF0,TF1),(TF2,TF1,TF1,TF0,TF1),
	(TF0,TF0,TF0,TF1,TF1), (TF1,TF0,TF0,TF1,TF1),(TF2,TF1,TF1,TF1,TF1),
	(TF0,TF0,TF0,TF2,TF1), (TF1,TF0,TF0,TF2,TF1),(TF2,TF1,TF1,TF2,TF1),
	(TF0,TF0,TF0,TF3,TF1), (TF1,TF0,TF0,TF3,TF1),(TF2,TF1,TF1,TF3,TF1),
	(TF0,TF0,TF0,TF4,TF1), (TF1,TF0,TF0,TF4,TF1),(TF2,TF1,TF1,TF4,TF1)

DPCH	DTX position		Flexible
Downlink	Spreading factor		32
	DPCCH	Number of TFCI bits/slot	8
		Number of TPC bits/slot	4
		Number of Pilot bits/slot	8
	DPDCH	Number of data bits/slot	140
		Number of data bits/frame	2100

# 6.10.2.4.1.38d.2.2 Physical channel parameters

## <End of modified section>

## <Start of modified section>

- 6.10.2.4.1.38g Conversational / speech / (12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 6.10.2.4.1.38g.1 Uplink
- 6.10.2.4.1.38g.1.1 Transport channel parameters
- 6.10.2.4.1.38g.1.1.1 Transport channel parameters for Conversational / speech / UL: (12.2 7.95 5.9 4.75) kbps / CS RAB

See clause 6.10.2.4.1.4a.1.1.1.

6.10.2.4.1.38g.1.1.2 Transport channel parameters for Interactive or background / UL:16 kbps / PS RAB

See clause 6.10.2.4.1.23b.1.1.1.

6.10.2.4.1.38g.1.1.3 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

#### 6.10.2.4.1.38g.1.1.4 TFCS

TFCS size	32
TFCS	(RAB subflow#1, RAB subflow#2, RAB subflow#3, 16 kbps RAB, DCCH)=
	(TF0,TF0,TF0,TF0,TF0), (TF1,TF0,TF0,TF0,TF0), (TF2,TF1,TF0,TF0,TF0),
	(TF3,TF2,TF0,TF0,TF0), (TF4,TF3,TF0,TF0,TF0), (TF5,TF4,TF1,TF0,TF0),
	(TF0,TF0,TF0,TF1,TF0), (TF1,TF0,TF0,TF1,TF0), (TF3,TF2,TF0,TF1,TF0),
	(TF4,TF3,TF0,TF1,TF0), (TF5,TF4,TF1,TF1,TF0), (TF0,TF0,TF0,TF2,TF0),
	(TF1,TF0,TF0,TF2,TF0), (TF3,TF2,TF0,TF2,TF0), (TF4,TF3,TF0,TF2,TF0),
	(TF5,TF4,TF1,TF2,TF0), (TF0,TF0,TF0,TF1), (TF1,TF0,TF0,TF0,TF1),
	(TF2,TF1,TF0,TF0,TF1), (TF3,TF2,TF0,TF0,TF1), (TF4,TF3,TF0,TF0,TF1),
	(TF5,TF4,TF1,TF0,TF1), (TF0,TF0,TF0,TF1,TF1), (TF1,TF0,TF0,TF1,TF1),
	(TF3,TF2,TF0,TF1,TF1), (TF4,TF3,TF0,TF1,TF1), (TF5,TF4,TF1,TF1,TF1),
	(TF0,TF0,TF0,TF2,TF1), (TF1,TF0,TF0,TF2,TF1), (TF3,TF2,TF0,TF2,TF1),
	(TF4,TF3,TF0,TF2,TF1), (TF5,TF4,TF1,TF2,TF1)

6.10.2.4.1.38g.1.2 Physical channel parameters

DPCH	Min spreading factor	32
Uplink	Max number of DPDCH data bits/radio	1200
	frame	
	Puncturing Limit	<del>1.0</del> 0.88

6.10.2.4.1.38g.2 Downlink

6.10.2.4.1.38g.2.1 Transport channel parameters

6.10.2.4.1.38g.2.1.1 Transport channel parameters for Conversational / speech / DL: (12.2 7.95 5.9 4.75) kbps / CS RAB

See clause 6.10.2.4.1.4a.2.1.1.

6.10.2.4.1.38g.2.1.2	Transport channel parameters for Interactive or background / DL:16 kbps / PS RAB
See clause 6.10.2.4.1.23	b.2.1.1.

6.10.2.4.1.38g.2.1.3 Transport channel parameters for DL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.2.1.1

#### 6.10.2.4.1.38g.2.1.4 TFCS

TFCS size	36
TFCS	(RAB subflow#1, RAB subflow#2, RAB subflow#3, 16 kbps RAB, DCCH)=
	(TF0,TF0,TF0,TF0,TF0), (TF1,TF0,TF0,TF0), (TF2,TF1,TF0,TF0,TF0),
	(TF3,TF2,TF0,TF0,TF0), (TF4,TF3,TF0,TF0), (TF5,TF4,TF1,TF0,TF0),
	(TF0,TF0,TF0,TF1,TF0), (TF1,TF0,TF0,TF1,TF0), (TF2,TF1,TF0,TF1,TF0),
	(TF3,TF2,TF0,TF1,TF0), (TF4,TF3,TF0,TF1,TF0), (TF5,TF4,TF1,TF1,TF0),
	(TF0,TF0,TF0,TF2,TF0), (TF1,TF0,TF0,TF2,TF0), (TF2,TF1,TF0,TF2,TF0),
	(TF3,TF2,TF0,TF2,TF0), (TF4,TF3,TF0,TF2,TF0), (TF5,TF4,TF1,TF2,TF0),
	(TF0,TF0,TF0,TF0,TF1), (TF1,TF0,TF0,TF0,TF1), (TF2,TF1,TF0,TF0,TF1),
	(TF3,TF2,TF0,TF0,TF1), (TF4,TF3,TF0,TF0,TF1), (TF5,TF4,TF1,TF0,TF1),
	(TF0,TF0,TF0,TF1,TF1), (TF1,TF0,TF0,TF1,TF1), (TF2,TF1,TF0,TF1,TF1),
	(TF3,TF2,TF0,TF1,TF1), (TF4,TF3,TF0,TF1,TF1), (TF5,TF4,TF1,TF1,TF1),
	(TF0,TF0,TF0,TF2,TF1), (TF1,TF0,TF0,TF2,TF1), (TF2,TF1,TF0,TF2,TF1),
	(TF3,TF2,TF0,TF2,TF1), (TF4,TF3,TF0,TF2,TF1), (TF5,TF4,TF1,TF2,TF1)

#### 6.10.2.4.1.38g.2.2 Physical channel parameters

DPCH	DTX position		Flexible
Downlink	Spreading factor		64
	DPCCH	Number of TFCI bits/slot	8
		Number of TPC bits/slot	4
		Number of Pilot bits/slot	8
	DPDCH	Number of data bits/slot	60
		Number of data bits/frame	900

<End of modified section>

#### <Start of modified section>

6.10.2.4.1.51a Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH

6.10.2.4.1.51a.1 Uplink

6.10.2.4.1.51a.1.1 Transport channel parameters

6.10.2.4.1.51a.1.1.1 Transport channel parameters for Conversational / unknown / UL:64 kbps / CS RAB

See clause 6.10.2.4.1.13.2.1.1.

6.10.2.4.1.51a.1.1.2 Transport channel parameters for Interactive or Background / UL:8 kbps / PS RAB See clause 6.10.2.4.1.37.1.1.1.

6.10.2.4.1.51a.1.1.3 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

6.10.2.4.1.51a.1.1.4 TFCS

TFCS size	8	
TFCS	(64 kbps Conversational RAB, 8 kbps I/B RAB, DCCH)=	
	(TF0, TF0, TF0), (TF0, TF1, TF0), (TF0, TF0, TF1), (TF0, TF1, TF1),	
	(TF1, TF0, TF0), (TF1, TF1, TF0), (TF1, TF0, TF1), (TF1, TF1, TF1)	

6.10.2.4.1.51a.1.2 Physical channel parameters

DPCH	Min spreading factor 16		
Uplink	Max number of DPDCH data bits/radio frame	2400	
	Puncturing Limit	<del>0.88<u>0.72</u></del>	

6.10.2.4.1.51a.2 Downlink

6.10.2.4.1.51a.2.1 Transport channel parameters

6.10.2.4.1.51a.2.1.1 Transport channel parameters for Conversational / unknown / DL:64 kbps / PS RAB See clause 6.10.2.4.1.13.2.1.1.

6.10.2.4.1.51a.2.1.2 Transport channel parameters for Interactive or Background / DL:8 kbps / PS RAB See clause 6.10.2.4.1.38b.2.1.1.

6.10.2.4.1.51a.2.1.3 Transport channel parameters for DL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.2.1.1.

6.10.2.4.1.51a.2.1.4 TFCS

TFCS size	8	
TFCS	(64 kbps Conversational RAB, 8 kbps I/B RAB, DCCH)=	
	(TF0, TF0, TF0), (TF0, TF1, TF0), (TF0, TF0, TF1), (TF0, TF1, TF1),	
	( ( F1,  F0,  F0), ( F1,  F1,  F0), ( F1,  F0,  F1), ( F1,  F1,  F1)	

DPCH	DTX position		Flexible
Downlink	Spreading factor		32
	DPCCH	Number of TFCI bits/slot	8
		Number of TPC bits/slot	4
		Number of Pilot bits/slot	8
	DPDCH	Number of data bits/slot	140
		Number of data bits/frame	2100

#### 6.10.2.4.1.51a.2.2 Physical channel parameters

6.10.2.4.1.51b Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH

6.10.2.4.1.51b.1 Uplink

6.10.2.4.1.51b.1.1 Transport channel parameters

6.10.2.4.1.51b.1.1.1 Transport channel parameters for Conversational / unknown / UL:64 kbps / CS RAB See clause 6.10.2.4.1.13.1.1.1.

6.10.2.4.1.51b.1.1.2 7	Transport channel	parameters for	Interactive or	Background /	UL:16 kbps	/ PS RAB
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Higher layer	RAB/Signalling RB	RAB
RLC	Logical channel type	DTCH
	RLC mode	AM
	Payload sizes, bit	320
	Max data rate, bps	16000
	AMD PDU header, bit	16
MAC	MAC header, bit	0
	MAC multiplexing	N/A
Layer 1	TrCH type	DCH
	TB sizes, bit	336
	TFS TF0, bits	0x336
	TF1, bits	1x336
	TF2, bits	2x336
	TTI, ms	40
	Coding type	TC
	CRC, bit	16
	Max number of bits/TTI after channel coding	2124
	Uplink: Max number of bits/radio frame before rate matching	531
	RM attribute	135-175

6.10.2.4.1.51b.1.1.3 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

#### 6.10.2.4.1.51b.1.1.4 TFCS

TFCS size	12
TFCS	(64 kbps Conversational RAB, 16 kbps I/B RAB, DCCH)=
	(TF0, TF0, TF0), (TF0, TF1, TF0), (TF0, TF2, TF0), (TF0, TF0, TF1), (TF0, TF1, TF1), (TF0,
	TF2, TF1), (TF1, TF0, TF0), (TF1, TF1, TF0), (TF1, TF2, TF0), (TF1, TF0, TF1), (TF1, TF1,
	TF1), (TF1, TF2, TF1)

# 6.10.2.4.1.51b.1.2 Physical channel parameters

DPCH	Min spreading factor	16
Uplink	Max number of DPDCH data bits/radio frame	2400
	Puncturing Limit	<del>0.80</del> 0.64

#### 6.10.2.4.1.51b.2 Downlink

See clause 6.10.2.4.1.51.2.

#### <End of modified section>

# 3GPP TSG- T1/SIG Meeting #23 Lund, Sweden, 21<sup>st</sup>/24<sup>th</sup> May 2002

# 3GPP TSG–T1/SIG Meeting #22 Helsinki, Finland, 09-11 April 2002

# Tdoc T1S-020126

	.,				
CHANGE REQUEST					
ж	<b>34.108</b> CR <b>100 #</b> ev <b>_ #</b> Current version: <b>3.7.1 #</b>				
For <u>HELP</u> on u	sing this form, see bottom of this page or look at the pop-up text over the X symbols.				
Proposed change	affects: ೫ (U)SIM X ME/UE X Radio Access Network Core Network				
<i>Title:</i> ೫	CR for 34.108 R99 Test USIM				
Source: भ	NTTDoCoMo				
Work item code: Ж	TEI Date: # 2002-04-02				
Category: ₩	FRelease: %R99Use one of the following categories: F (correction)Use one of the following releases: 2(GSM Phase 2)A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature)R96(Release 1996)B (addition of feature), C (functional modification)R97(Release 1997)D (editorial modification)R98(Release 1998)D tetailed explanations of the above categories can be found in 3GPP TR 21.900.REL-4(Release 4) REL-5				
Reason for change	e: 発 Reference document number is not correct.				
Summary of chang	<ul> <li>"This clause defines default parameters for programming the elementary files of the test USIM. The requirements of this clause do not apply to the USIM/ME tests of TS34.123-1." Modified to;</li> <li>"This clause defines default parameters for programming the elementary files of the test USIM. The requirements of this clause do not apply to the USIM/ME tests of 3GPP TS31.120 and 3GPP TS31.121."</li> </ul>				
Consequences if not approved:	#   Eror reference information will remain.				
Clauses affected:	¥ 8.1				
Other specs affected:	%       Other core specifications       %         Test specifications          O&M Specifications				
Other comments:	Here and the second				

## How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: <u>http://www.3gpp.org/3G\_Specs/CRs.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

# 8 Test USIM Parameters

# 8.1 Introduction

This clause defines default parameters for programming the elementary files of the test USIM. The requirements of this clause do not apply to the USIM/ME tests of <u>3GPP TS31.120 and 3GPP TS31.121TS34.123-1</u>.

# T1-020276

							<u> </u>	P Form v6
CHANGE REQUEST						R-F0111-V0.		
ж	TS	34.108	CR 101	жrev	<b>_</b> ೫	Current version	<sup>on:</sup> 3.7.1	ж
	Sp	ec Title:	Common Test B	Environments	for User	Equipment (UE	E)	ж
			Conformance Testing					
For $\underline{HELP}$ on using this form, see bottom of this page or look at the pop-up text over the $st$ symbols.								
Proposed change affects: # (U)SIM ME/UE X Radio Access Network Core Network								
Title:	ж	Correction	ns to SIBs TDD					
Source:	ж	Siemens						
Work item o	code: ೫	TEI				Date: ೫	20 March 200	)2
Category:	ж	F				Release: ೫	R99	

Category:	ж	г		Release: ж	R99
		Use	one of the following categories:	Use <u>one</u> of	the following releases:
			F (correction)	2	(GSM Phase 2)
			A (corresponds to a correction in an earlier release)	) R96	(Release 1996)
			<b>B</b> (addition of feature),	R97	(Release 1997)
			<b>C</b> (functional modification of feature)	R98	(Release 1998)
			<b>D</b> (editorial modification)	R99	(Release 1999)
		Deta	iled explanations of the above categories can	REL-4	(Release 4)
		be fo	bund in 3GPP TR 21.900.	REL-5	(Release 5)

Reason for change: ೫	SIBs are updated according with the updates in the core specifications.
Summary of change:	In clause 6.1 missing IEs are added.
	Contents of Scheduling Block 1
	- Scheduling information already included in Master Information Block is deleted.
	- Some values are corrected.
	System Information Block type 3, 4, 5, 6, 11 and 12 updated:
	- Cell selection_and_reselection_qualitymeasure is not used for TDD
	- Qrxlevmin corrected to -103 dBm
	- Editorial corrections in general
	- AC-to-ASC mapping is nor present in SIB 6
	Some IEs are missing.
	From T1S-020206 (Ericsson CR):
	In SIB 12, the serving cell is not included, since it has already been included in SIB 11.
Consequences if % not approved:	The test proses in TS 34.123-1 cannot test UE correctly.

Clauses affected:	<del>۲</del>
Other specs affected:	#       Other core specifications       #         Test specifications       0&M Specifications
Other comments:	# Affects Rel 99 and Rel '4 UE test cases         References: T1S-010361r1, T1S-020021r3

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Comprehensive information and tips about how to create CRs can be found at: <u>http://www.3gpp.org/3G\_Specs/CRs.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.
# 6 Reference System Configurations

This clause defines a number of Reference System Configurations which can be used for different tests.

# 6.1 Simulated network environments

The UE will eventually have to operate in either single mode networks (FDD or TDD) and dual mode networks (FDD+TDD).

It is <ffs> whether a reference environment needs to be defined for multi-mode networks (eg: the environment could be created by combining two appropriate reference environments from the single mode cases).

The following tables list the default parameters for 1 to 8 cell environments for testing.

In this clause, decimal values are normally used. However, sometimes a hexadecimal value, indicated by an "H", or a binary value, indicated by a "B" is used.

#### Contents of Master Information Block PLMN type is the case of GSM-MAP

- MIB value tag	1
- Supported PLMN types	
- PLMN type	GSM-MAP
- PLMN identity	
- MCC digit	Set to the same Mobile Country Codes stored in the test
	USIM card (TS 34.108 clause 8.3.2.2 EF IMSI(IMSI)).
- MNC digit	Set to the same Mobile Network Codesstored in the test
Ŭ	USIM card (TS 34.108 clause 8.3.2.2 EF IMSI(IMSI)).
- ANSI-41 Core Network information	Not Present
- References to other system information blocks	
and scheduling blocks	
- References to other system information	
blocks	
- Scheduling information	
- CHOICE Value tag	Cell Value Tag
- Cell Value tag	1
- Scheduling	
- SEG COUNT	1
- SIB REP	16
- SIB_POS	1
- SIB_POS offset info	Not Present – use default
- SIB type	Scheduling Block 1
- Scheduling information	
- CHOICE Value tag	PLMN Value tag
- PLMN Value tag	1
- SEG_COUNT	1
- SIB_REP	64
- SIB_POS	11
- SIB_POS offset info	Not Present – use default
- SIB type	System Information Type 1
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	1
- SIB_REP	64
- SIB_POS	11
- SIB_POS offset info	Not Present – use default
- SIB type	System Information Type 2
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	1
- SIB_REP	64
- SIB_POS	10
- SIB_POS offset info	Not Present – use default
- SIB type	System Information Type 3

- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	1
- SIB_REP	64
- SIB_POS	26
- SIB_POS offset info	Not Present – use default
- SIB type	System Information Type 4
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	4
- SIB_REP	64
- SIB_POS	19
<ul> <li>SIB_POS offset info</li> </ul>	
- SIB_OFF	4
- SIB_OFF	2
- SIB_OFF	2
- SIB type	System Information Type 5

# Contents of Scheduling Block 1 (FDD)

- References to other system information blocks	
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	4
- SIB_REP	64
- SIB POS	3
- SIB_POS offset info	
- SIB_OFF	4
- SIB_OFF	2
- SIB_OFF	2
- SIB type SIBs only	System Information Type 6
- Scheduling information	- ,
- CHOICE Value tag	Not Present
- SEG COUNT	1
- SIB REP	16
- SIB POS	2
- SIB POS offset info	Not Present
- SIB type SIBs only	System Information Type 7
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG COUNT	3
- SIB REP	64
- SIB POS	29
- SIB POS offset info	
- SIB OFF	2
- SIB OFF	2
- SIB type SIBs only	System Information Type 11
- Scheduling information	- ,
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG COUNT	3
- SIB REP	64
- SIB POS	13
- SIB POS offset info	
- SIB OFF	2
- SIB OFF	2
- SIB type SIBs only	System Information Type 12
- Scheduling information	
- CHOICE Value tag	PLMN Value tag
- PLMN Value tag	1
- SEG COUNT	1
- SIB REP	64
- SIB_POS	18

<ul> <li>SIB_POS offset info</li> </ul>	Not Present
- SIB type SIBs only	System Information Type 18

# Contents of Scheduling Block 1 (TDD)

I

Scheduling information     Cell Value tag      CHUVE-Value tag     1      SBREP     128      SBPOS     26      SBPOS     27      SBPOS     27      SBPOS     27      SBPOS     28      SBPOS     28      SBPOS     24      SBPOS     23      SBPOS     24      SBPOS     24      SBPOS     24      SBPOS     24      SBPOS     25      SBPOS     25      SBPOS     25      SBPOS     25      SBPOS     26	- References to other system information blocks	
CH/ClC Value tagCH/Value tagSIL Value tag1SIL -COUNT2SIL -COF2SIL -COF4SIL -COF4SIL -COF2SIL -COF4SIL -COF2SIL -COF4SIL -COF2SIL -COF2SIL -COF4SIL -COF4SIL -COF2SIL -COF4SIL -CONT1SIL -COLSIL -CONTSIL -COLSIL -CONT<	- Scheduling information	
- Cell Value rag1- SEC_COUNT4- SED_REP428- SED_REP428- SED_OPS26- SED_OPS21- SED_OPS21- SED_OPS21- SED_OPS21- SED_OPS21- SED_OPS21- SED_OPS21- SED_OPS21- SED_OPS22- SED_OPS128- Cell Value tag1- SED_OPS423- SED_OPS423- SED_OPS423- SED_OPS2- SED_OPS2 <t< td=""><td> CHOICE Value tag</td><td>Cell Value tag</td></t<>	CHOICE Value tag	Cell Value tag
SBE-SC - COUNT3SBE-PCS128SBE-PCS effect info26SBE-PCS effect info2SBE-SC - SUB-OFF2SBE-SC - SUB-SC - SUB-OFF4SBE-SC - SUB-SC - SUB-OFF4SBE-SC - SUB-SC - SU		4
- SIB -PCS128- SIB -PCS28- SIB -PCS28- SIB -PCF2- SIB -PCF2- SIB -PCF2- SIB -PCF2- SIB -PCF2- SIB -PCF2- SIB -PCF128- Cell Value tag1- Cell Value tag1- SIB -PCF2- SIB -PCF128- SIB -PCF2- SIB -PCF1- SIB -PCF2- SIB -PCF1- SIB -PCF2- SIB -PCF1- SIB -PCF2- SIB -PCS2/222- SIB -PCS2/222- SIB -PCS2/222- SIB -PCS2/222- SIB -PCS2/222- SIB -PCS2/222- SIB -PCS64/224- SIB -PCS2/222- SIB -PCS1- SIB -PCS2/222- SIB -PCS1/2428- SIB -PCS1/2428- SIB -PCS1/2428	-SEG_COUNT	3
SB-POS28SB-OFE2SB-OFF2SB-OFF2SB-OFF2SB-OFF2SB-OFF2SB-OFF2CHOICE Value tag1CHOICE Value tag1SB-POS423SB-POS423SB-OFF2SB-OFF4SB-OFF2SB-OFF2SB-OFF2SB-OFF2SB-OFF2SB-OFF16428SB-POS offset info16428SB-OFF16428SB-OFF16428SB-POS offset info242SB-POS offset info16428SB-POS offset info242SB-POS offset info242SB-POS offset info16428SB-POS242SB-POS6829SB-POS6829SB-POS6829SB-POS6829SB-POS6829SB-POS13406SB-POS13406SB-POS13406SB-POS13406SB-POS13406SB-POS13406SB-POS13406SB-POS offset info2SB-POS offset info2SB-POS offset info2SB-POS offset info2SB-POS offset info13406SB-POS offset info2SB-POS offset info2SB-POS offset info2SB-POS offset info13406SB-POS offset info14428	-SIB REP	128
-SB_POS offset info       2         -SB_OFF       2         SB_OFF       2         SB_UPPOS       System Information Type 5         -SR_dubic tag       Cell Value tag         -Cell Value tag       Cell Value tag         -SB_OFF       128         -SB_OFF       128         -SB_OFF       2         -SB_OFF       161226         -SB_OFF       161226         -SB_OS       222         -SB_OS       222         -SB_OS       64220		26
Sign off2-Sign off2-Sign off2-Sign off2-Sign off1-See COUNT44-Sign off42-Sign off4-Sign off2-Sign off2<	<u>SIB_POS offset info</u>	20
Sile_OFF2- Sile_type Siles onlySystem Information Type 5- CHUCE Value tagCell Value tag- CHUCE Value tag1- SEc_COUNT34- Sile_COUNT42- Sile_OFF128- Sile_OFF2- Sile_OVIN1- Sile_OUNT1- Sile_OUNT1- Sile_OUNT1- Sile_OUNT23- Sile_OUNT23- Cell Value tagCell Value tag- Cell Value tagCell Value tag- Cell Value tag1- Sile_OUNT23- Sile_OFF2- Sile_OVNT1- Sile_		2
Sile type Siles onlySystem Information Type 5- Scheduling information1- Cell Value tag1- Cell Value tag1- SEG_COUNT34- Sile SPC128- Sile OFF2- Sile OFF2 <td></td> <td>2</td>		2
Scheduling informationCell Value tag- CHOICE Value tagCell Value tag- Cell Value tag1- SEG_COUNT34- SIB_POS423- SIB_OFF2- Cell Value tag- 16:29- Cell Value tag1- SiB_POS222- SiB_POS222- SiB_POS23- SiB_POS23- SiB_POS64:29- SiB_OFF2- SiB_OFF <t< td=""><td>- SIB type SIBs only</td><td>System Information Type 5</td></t<>	- SIB type SIBs only	System Information Type 5
CHOICE Value tagCell Value tag- Call Value tag1SEG_COUNT44- SBB_RP128- SBB_OFF423- SBB_OFF2- SBB_OFS222- SBB_POS222- SBB_POS222- SBB_POS222- SBB_POS224- SBB_OFF2- SBB_OFF2 <td>- Scheduling information</td> <td>Cystem monitation Type 5</td>	- Scheduling information	Cystem monitation Type 5
Cell Value tagCell Value tagSEG_COUNT34SIB_POS423SIB_POS offset info2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF1SIB_REP16128SIB_POS offset infoNot Present-Cell Value tagSIB_POS offset infoNot Present – use defaultSIB_POS offset infoNot Present – use defaultSIB_POS offset infoNot Present – use defaultSIB_POS offset info23SIB_POS64128SIB_POS5829SIB_POS5820SIB_POS64128SIB_OFF2<	- CHOICE Value tag	Cell Value tag
SEG_COUNT44SB_RP128SB_POS423SB_POS423SB_POS423SB_POS423SB_OFF2SB_OFF2SB_OFF2SB_OFF2SB_OFF2SB_OFF2SB_OFF2SB_OFF2SB_OFF2SB_OFF2SB_OFF2SB_OFF2SB_OFF2SB_OFF1SB_OFF1SB_OPS222SB_POS222SB_POS offset infoNot Present – use defaultSB_BOS222SB_POS offset infoNot Present – use defaultSB_BOS222SB_POS offset infoNot Present – use defaultSB_BOS582SB_POS582SB_POS582SB_POS582SB_POS582SB_OFF2SB_OFF2SB_POS13406SB_POS13406SB_POS13406SB_POFF2SB_POFF2SB_POFF2SB_POS13406SB_POFF2SB_POS13406SB_POFF2SB_POFF2SB_POFF2SB_POS13406SB_POFF2SB_POFF2SB_POS13406SB_POS1428SB_POS13406SB_POS1428SB_POS </td <td></td> <td></td>		
SIB_REP128SIB_POS423SIB_POS offset info423SIB_OFF4SIB_OFF2SIB_OFF2SIB_OFF2SIB_Vpe SIBs onlySystem Information Type 6C-ell Value tagNot PresentCell Value tagC-ell Value tag1SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS224SIB_POS224SIB_POS224SIB_POS224SIB_POS224SIB_POS224SIB_POS23SIB_REP64128SIB_POS5829SIB_POS23SIB_POS6829SIB_POS24SIB_POS23SIB_POS13406SIB_POS13406SIB_POS13406SIB_POS13406SIB_POS13406SIB_POS13406SIB_POS1SIB_POS24SIB_POS1SIB_POS24SIB_POS24SIB_POS24SIB_POS24SIB_POS34SIB_POS44SIB_POS44SIB_POS54SIB_POS54SIB_POS offset infoNot Present - use defaultSIB_POS54SIB		
SIB_POS123SIB_POS433SIB_POS4SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF2SIB_OFF1SIB_REP16128SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS222SIB_POS64128SIB_POS64128SIB_POS23SIB_POF2SIB_POF2SIB_POF2SIB_POF2SIB_POF2SIB_POS13406SIB_POS13406SIB_POFF2SIB_POS13406SIB_POFF2SIB_POFF2SIB_POFF2SIB_POS13406SIB_POS13406SIB_POFF2SIB_POFF2SIB_POS13406SIB_POFF2SIB_POFF2SIB_POFF2SIB_POFF2SIB_POFF2SIB_POS14SIB_POS54SIB_POS offset info<		128
SIB_POS offset info       4         -SIB_OFF       2         -Cell Value tag       4         -SIB_OFS       222         -SIB_POS       223         -SIB_POS       23         -SIB_POS       54128         -SIB_POS       582         -SIB_POS       582         -SIB_OFF       2		120
- SiB_OFF       4         - SiB_OFF       2         - SiB_OFF       1         - SiB_COUNT       1         - SiB_COUNT       1         - SiB_OFS       222         - SiB_POS       16128         - SiB_OFS       222         - SiB_POS       512         - SiB_OFF       2         - SiB_OFF       23         - SiB_OFF       23         - SiB_OFF       2         - SiB_OFF       2      <	SIB_POS offect info	
		1
- Sile_OFF2- Sile Type SIBs onlySystem Information Type 6- Scheduling information CHOICE Value tag1- SEG_COUNT1- Sile_POS222- Sile_POS222- Sile_POS222- Sile_POS222- Scheduling information CHOICE Value tag1- Sile_POS222- Sile_POS222- Sile_POS222- Scheduling information CHOICE Value tag1- Cell Value tag1- Sile_POS64/128- Sile_POS68/29- Sile_POS68/29- Sile_OFF2- Sile_OFF2 <tr< td=""><td></td><td></td></tr<>		
- Job_Of2SB type SIBs onlySystem Information Type 6- Scheduling informationNot PresentColl Value tag- Gell Value tag1- SEG_COUNT1- SIB_POS222- SIB_POS offset infoNot Present – use default- SIB type SIBs onlySystem Information Type 7- Scheduling information Cell Value tagCell Value tag- Cell Value tag1- SIB_POS offset info23- SIB_POS offset info23- SIB_POS offset info23- SIB_POS offset info24- SIB_POS offset info2- SIB_OFF2- SIB_POS offset info2- SIB_POS offset info23- SIB_POS offset info23- SIB_POS offset info23- SIB_POS offset info24- SIB_OFF2- SIB_OFF2 <tr< td=""><td></td><td>2</td></tr<>		2
- Sole type Glus onlySystem Information (Cell Value tag)- Cell Value tag4- Cell Value tag4- SEG_COUNT1- SiB_REP16/128- SiB_POS222- SiB_POS offset infoNot Present – use default- SiB type SiBs onlySystem Information Type 7- Scheduling information CHOICE Value tagCell Value tag- CHOICE Value tag1- SiB_COUNT23- SiB_POS64128- SiB_POS6829- SiB_OFF2- SiB_OFF2 </td <td>- SID_UFF SIR type SIRe only</td> <td>2 System Information Type 6</td>	- SID_UFF SIR type SIRe only	2 System Information Type 6
- CHOICE Value tag       Not Present/Cell Value tag         - Cell Value tag       4         - SEG_COUNT       1         - SIB_REP       16128         - SIB_POS       222         - SIB_POS       222         - SIB_POS       222         - SIB_POS       222         - SIB_type SIBs only       System Information Type 7         - CHOICE Value tag       Cell Value tag         - CHOICE Value tag       Cell Value tag         - SIB_POS       64128         - SIB_POS       64128         - SIB_POS       64128         - SIB_OFF       2         - SIB_POS       13406         - SIB_OFF       2	- SID type SIDS Ully Schoduling information	System mornation Type o
Coll Value tag1- Cell Value tag1- SEG_COUNT1- SIB_REP16:128- SIB_POS222- SIB_POS222- SIB_POSSites info- Stheduling informationCell Value tag- Cell Value tagCell Value tag- Cell Value tag1- SEG_COUNT23- SIB_POS64:28- SIB_POS64:29- SIB_OFF2- SIB OFF2- SIB OFF2- SIB OFF2- SIB_OFF2- SIB_OF		Not PresentCall Value tan
- SEG_COUNT1- SIB_REP16428- SIB_POS222- SIB_POS offset infoNot Present – use default- SIB_type SIBs onlySystem Information Type 7- Scheduling information CHOICE Value tag1- Cell Value tag1- SEG_COUNT23- SIB_POS6629- SIB_OFF2- SIB_OFF2 <td></td> <td>+</td>		+
- SiB_POS       10446         - SIB_POS       222         - SIB_POS offset info       Not Present – use default         - StBeduling information       System Information Type 7         - Scheduling information       Cell Value tag         - CHOICE Value tag       1         - SEG_COUNT       23         - SIB_POS       64128         - SIB_OFF       2         - SIB_OFF       2 <td< td=""><td></td><td></td></td<>		
- SIB_POS       222         SIB_type SIBs only       Not Present – use default         - SIB_type SIBs only       System Information Type 7         - Cell Value tag       1         - Cell Value tag       1         - SEG_COUNT       23         - SIB_POS       6422         - SIB_OFF       2         - SIB_POS       13406         - SIB_OFF       2         - SIB_OFF       2 <td>- SIB_REP</td> <td><u>10+28</u></td>	- SIB_REP	<u>10+28</u>
- Sils_POS onset into       Not Present – Use default         - Sils_tPOS onset into       System Information Type 7         - Scheduling information       Cell Value tag         - CHOICE Value tag       Cell Value tag         - Sils_POS       64128         - Sils_POS offset info       64128         - Sils_OFF       2         - Sils_OFF       23         - Sils_OFF       23         - Sils_OFF       23         - Sils_OFF       23         - Sils_OFF       2         - Sils_POS       54         - Sils_POS<	- SIB_PUS	
- Silt type Silss only       System information 1/pe /         - Scheduling information       Cell Value tag         - Cell Value tag       1         - SEC_COUNT       23         - Sils_REP       64128         - Sils_OFF       2         - Sils_REP       64128         - Sils_POS       13406         - Sils_OFF       2         - Sils_OF<	- SIB_POS offset Info	Not Present – use default
- Scheduling information- CHOICE Value tag1- SEG_COUNT23- SIB_POS64128- SIB_POS6829- SIB_OFF2- SIB_OF	- SIB type SIBs only	System information Type 7
- CHOICE value tag       Cell Value tag         - SIB_REP       64128         - SIB_POS offset info       2         - SIB_POS offset info       2         - SIB_OFF       2         - Cell Value tag       1         - CHOICE Value tag       1         - SEG_COUNT       23         - SIB_POS       64128         - SIB_POS       64128         - SIB_OFF       2         - SIB_OFF       2      <	- Scheduling information	
- Cell Value tag1- SEG_COUNT23- SIB_REP64128- SIB_POS582.9- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB type SIBs onlySystem Information Type 11- Scheduling information CHOICE Value tag1- CHOICE Value tag1- SEG_COUNT23- SIB_POS14128- SIB_POS14128- SIB_POS14166- SIB_OFF2- SIB_OFF4- SIB_POS54- SIB_POS offset infoNot Present - use default- SIB_POS offset infoSystem Information Type 14- Scheduling information CHOICE Value tag1- SIB_OFE54- SIB_POS offset infoSystem Information Type 14- Scheduling information		
- SEC_COUNT23- SIB_REP64128- SIB_POS6829- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_Upe SIBs onlySystem Information Type 11- Scheduling information CHOICE Value tagCell Value tag- Cell Value tag1- SEG_COUNT23- SIB_OFF64128- SIB_OFF2- SIB_OFF3- Cell Value tag1- SIB_POS offset infoNot Presen		
- SIB_REP04148- SIB_POS5829- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_COUNT23- SIB_REP64128- SIB_OFF2- SIB_OFF3- SIB_OFF3- SIB_OFF5- SIB_OFF5- SIB_OFF5- SIB_OFF5- SIB_OFF2- SIB_OFF3- SIB_OFF		<u>∠</u> 2
- SIB_POS       68_29         - SIB_OFF       2         - CHOICE Value tag       Cell Value tag         - Cell Value tag       1         - SEG_COUNT       23         - SIB_POS       64128         - SIB_OFF       2         - SIB_OFF <t< td=""><td></td><td><u>64128</u></td></t<>		<u>64128</u>
- SIB_POS offset info       2         - SIB_OFF       2         - Scheduling information       Cell Value tag         - CHOICE Value tag       1         - SEG_COUNT       23         - SIB_POS       64128         - SIB_OFF       64128         - SIB_OFF       2         - SIB_OF       2         - SI	- SIB_PUS	<del>58<u>29</u></del>
- SIB_OFF2- SIB_OFF2- SIB type SIBs onlySystem Information Type 11- Scheduling information CHOICE Value tag1- Cell Value tag1- SEG_COUNT23- SIB_REP64128- SIB_POS13406- SIB_OFF2- SIB_VPS SIBS onlySystem Information Type 12- Scheduling information CHOICE Value tag1- SIB_REP64- SIB_POS54- SIB_POS offset infoNot Present - use default- SIB_POS offset info SIB_POS offset infoSystem Information Type 14- Scheduling information CHOICE Value tag1- SIB_POS offset info SIB_TPOS offset info SIB_POS offset info<		
- SIB_OFF2- SiB_OFF2- SiB_OFFSystem Information Type 11- Scheduling information CHOICE Value tag1- Cell Value tag1- SEG_COUNT23- SIB_REP64428- SIB_POS13406- SIB_OFF2- SIB_POS54- SIB_POS54- SIB_POS offset infoNot Present - use default- SIB type SIBs onlySystem Information Type 14- Scheduling information CHOICE Value tag1- CHOICE Value tag1- PLMN Value tag1- SEG_COUNT61	- SIB OFF	$\frac{2}{2}$
- SIB type SIBS only       System Information Type 11         - Scheduling information       Cell Value tag         - CHOICE Value tag       1         - SEG_COUNT       23         - SIB_REP       64428         - SIB_POS       13406         - SIB_OFF       2         - SIB_POS       54	- SIB_UFF	2 Our term information True 14
- Scheduling information - CHOICE Value tag - Cell Value tag - SIB_COUNT - SIB_REP - SIB_POS - SIB_POS - SIB_OFF - SIB_POS - SIB_POS	- SIB type SIBs only	System Information Type 11
- CHOICE Value tagCell Value tag- Cell Value tag1- SEG_COUNT23- SIB_REP64428- SIB_POS13406- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_type SIBs onlySystem Information Type 12- Scheduling informationCell Value tag- CHOICE Value tag1- SIB_REP64- SIB_POS54- SIB_POS offset info54- SIB_POS offset infoNot Present - use default- SIB_YPO SIBs onlySystem Information Type 14- SiB_POS offset infoPLMN Value tag- CHOICE Value tag1- SIB_POS offset info10- SiB_NPOS54- SiB_NPOS54<	- Scheduling information	Call Value ter
- Cell Value tag1- SEG_COUNT23- SIB_REP64128- SIB_POS13106- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB type SIBs onlySystem Information Type 12- Scheduling informationCell Value tag- CHOICE Value tag1- SEG_COUNT1- SIB_POS54- SIB_POS54- SIB_POS offset infoNot Present - use default- SIB type SIBs onlySystem Information Type 14- Scheduling information1- SIB_POS54- SIB_POS offset infoNot Present - use default- Scheduling information CHOICE Value tag1- Scheduling information CHOICE Value tag1- SCheduling information CHOICE Value tag1- SEG_COUNT61		
- SEG_COUNT23- SIB_REP64128- SIB_POS offset info13406- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB_type SIBs onlySystem Information Type 12- Scheduling information CHOICE Value tag1- CHOICE Value tag1- SEG_COUNT1- SIB_REP64- SIB_POS54- SIB_type SIBs onlySystem Information Type 14- Scheduling information SIB_POS54- SIB_type SIBs onlySystem Information Type 14- Scheduling information SIB_VPE SIBs onlySystem Information Type 14- Scheduling information CHOICE Value tag1- SEG_COUNT1- SEG_COUNT61		
- SIB_POS04+26- SIB_POS offset info13406- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB type SIBs onlySystem Information Type 12- Scheduling informationCell Value tag- CHOICE Value tag1- CHOICE Value tag1- SEG_COUNT1- SIB_POS54- SIB type SIBs onlySystem Information Type 14- SIB type SIBs onlySystem Information Type 14- SIB type SIBs onlySystem Information Type 14- Scheduling information SIB type SIBs onlySystem Information Type 14- Scheduling information CHOICE Value tag1- SEG_COUNT1- SEG_COUNT61		<u>≠3</u> 64400
- SIB_POS13+06- SIB_OFF2- SIB_OFF2- SIB_OFF2- SIB type SIBs onlySystem Information Type 12- Scheduling informationCell Value tag- CHOICE Value tag1- Cell Value tag1- SEG_COUNT1- SIB_POS54- SIB type SIBs onlySystem Information Type 14- SIB type SIBs onlySystem Information Type 14- Scheduling information SIB type SIBs onlySystem Information Type 14- Scheduling information CHOICE Value tag1- SCheduling information CHOICE Value tag1- SEG_COUNT61		<u>04+20</u> 12100
- SIB_POS bilset fillo2- SIB_OFF2- SIB type SIBs onlySystem Information Type 12- Scheduling informationCell Value tag- CHOICE Value tag1- Cell Value tag1- SEG_COUNT1- SIB_REP64- SIB_POS54- SIB_POS offset infoNot Present - use default- SIB type SIBs onlySystem Information Type 14- Scheduling informationPLMN Value tag- CHOICE Value tag1- SIB type SIBs onlySystem Information Type 14- Scheduling informationPLMN Value tag- CHOICE Value tag1- SEG_COUNT61	- SIB_PUS SIB_DOS attact info	<u>10100</u>
- SIB_OFF2- SIB_OFF2- SIB type SIBs onlySystem Information Type 12- Scheduling informationCell Value tag- CHOICE Value tag1- Cell Value tag1- SEG_COUNT1- SIB_POS54- SIB_POS offset infoNot Present - use default- SIB type SIBs onlySystem Information Type 14- Scheduling informationPLMN Value tag- CHOICE Value tag1- SEG_COUNT61		
- SIB_OFF2- SIB type SIBs onlySystem Information Type 12- Scheduling informationCell Value tag- CHOICE Value tag1- Cell Value tag1- SEG_COUNT1- SIB_POS64- SIB_POS offset infoNot Present - use default- SIB type SIBs onlySystem Information Type 14- Scheduling informationPLMN Value tag- CHOICE Value tag1- SEG_COUNT61		
- SIB type SIBS onlySystem Information Type 12- Scheduling informationCell Value tag- CHOICE Value tag1- Cell Value tag1- SEG_COUNT1- SIB_REP64- SIB_POS54- SIB_POS offset infoNot Present - use default- SIB type SIBs onlySystem Information Type 14- Scheduling informationPLMN Value tag- CHOICE Value tag1- SEG_COUNT61		∠ Overteen Information Type 10
- Scheduling information- CHOICE Value tag- Cell Value tag- Cell Value tag- SEG_COUNT- SIB_REP- SIB_POS- SIB_POS offset info- SIB type SIBs only- Scheduling information- CHOICE Value tag- CHOICE Value tag- CHOICE Value tag- SEG_COUNT- SEG_COUNT- SEG_COUNT	- SID Type SIBS ONly	System mormation Type 12
- CHOICE Value tagCell Value tag- Cell Value tag1- SEG_COUNT1- SIB_REP64- SIB_POS54- SIB_POS offset infoNot Present - use default- SIB type SIBs onlySystem Information Type 14- Scheduling informationPLMN Value tag- PLMN Value tag1- SEG_COUNT61		
- Cent value tag       1         - SEG_COUNT       1         - SIB_REP       64         - SIB_POS       54         - SIB_POS offset info       Not Present - use default         - SIB type SIBs only       System Information Type 14         - Scheduling information       PLMN Value tag         - PLMN Value tag       1         - SEG_COUNT       61	- CHUICE Value tag	
- SEG_COUNT       1         - SIB_REP       64         - SIB_POS       54         - SIB_POS offset info       Not Present - use default         - SIB type SIBs only       System Information Type 14         - Scheduling information       PLMN Value tag         - PLMN Value tag       1         - SEG_COUNT       61		
- SIB_REF       64         - SIB_POS       54         - SIB_POS offset info       Not Present - use default         - SIB type SIBs only       System Information Type 14         - Scheduling information       PLMN Value tag         - PLMN Value tag       1         - SEG_COUNT       61		
- SIB_POS       54         - SIB_POS offset info       Not Present - use default         - SIB type SIBs only       System Information Type 14         - Scheduling information       PLMN Value tag         - PLMN Value tag       1         - SEG_COUNT       61		04
- SIB_POS onset info       Not Present - use default         - SIB type SIBs only       System Information Type 14         - Scheduling information       PLMN Value tag         - PLMN Value tag       1         - SEG_COUNT       61		D4
- SIB type SIBs only     System information Type 14       - Scheduling information     PLMN Value tag       - PLMN Value tag     1       - SEG_COUNT     61		Not Present - use detault
- Scheduling information         - CHOICE Value tag         - PLMN Value tag         - PLMN Value tag         - SEG_COUNT	- SIB Type SIBS ONly	System Information Type 14
- CHOICE value tag     PLMN Value tag       - PLMN Value tag     1       - SEG_COUNT     61	- Scheduling information	
- PLININ value tag     1       - SEG_COUNT     61	- CHOICE Value tag	PLIVIN Value tag
- SEG_COUNI   <u>61</u>	- PLMN Value tag	
	- SEG_COUNT	<del>6</del> <u>1</u>

- SIB_REP	<u>64128</u>
- SIB_POS	74
- SIB_POS offset info	Not Present
	2
	2
	8
	4
	2
- SIB type SIBs only	System Information Type 186

# Contents of System Information Block type 1 (supported PLMN type is GSM-MAP)

- CN common GSM-MAP NAS system	
information	
<ul> <li>GSM-MAP NAS system information</li> </ul>	00 80H
- CN domain system information	
- CN domain identity	PS
- CHOICE CN Type	GSM-MAP
<ul> <li>CN domain specific NAS system information</li> </ul>	
<ul> <li>GSM-MAP NAS system information</li> </ul>	00 00H
- CN domain specific DRX cycle length	7
coefficient	
- CN domain identity	CS
- CHOICE CN Type	GSM-MAP
- CN domain specific NAS system information	
- GSM-MAP NAS system information	1E 01H
- CN domain specific DRX cycle length	7
coefficient	
- UE Timers and constants in idle mode	
-T300	4000 milliseconds
-N300	7
-T312	10 seconds
- N312	200
- UE Timers and constants in connected mode	
- T301	2000 milliseconds
- N301	2
- T302	4000 milliseconds
- N302	3
- T304	1000 milliseconds
- N304	3
- T305	60 minutes
- T307	50 seconds
- T308	320 milliseconds
- 1309	8 seconds
- 1310	320 milliseconds
- N310	5
- 1311	500 milliseconds
- 1312	5 seconds
- N312	200
- 1313	10 seconds
- N313	20
- 1314	20 seconds
- 1315	30 seconas
- N315	200
- 1317	1800 Seconds

# Contents of System Information Block type 2

- URA identity list	Only 1 URA identity broadcasted
- URA identity	0000 0000 0000 0001B

## Contents of System Information Block type 3 (FDD)

SIB4 indicatorTRUE• Cell identity0000 0000 0000 0000 0000 0000 0000 00
- Cell identity0000 0000 0000 0000 0000 0000 0001B- Cell selection and re-selection infoNot Present- Cell selection_and_reselection_qualityCPICH RSCPmeasureFDD- CHOICE modeFDD- Sintrasearch16 dB- Sintrasearch16 dB- Sintrasearch16 dB- SaearchHCSNot Present- RAT ListThis parameter is configurable- SkittsGSM- Simit,SearchRAT-32 dB- Simit,SearchRAT-32 dB- Simit,SearchRAT-32 dB- Simit,SearchRATNot Present- Qiqualmin-20 dB- Qrxlevmin-115 dBm- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Cell BarredNot present- Cell Reserved for operator useNot preserved- Cell Reserved for operator useNot preserved- Call Reserved for operator useNot barred- Access Class Barred1Not barred- Access Class Barred0Not barred- Access Class Barred1Not barred
- Cell selection and re-selection info       Not Present         - Cell selection_and_reselection_quality       CPICH RSCP         measure       FDD         - CHOICE mode       FDD         - Sintrasearch       16 dB         - Sintrasearch       16 dB         - Sintrasearch       16 dB         - Sintrasearch       16 dB         - SaearchHCS       Not Present         - RAT List       This parameter is configurable         - SRAT       - 32 dB         - Shecs.RAT       Not Present         - Slimit.searchRAT       - 32 dB         - Qualmin       -20 dB         - Qrklevmin       - 115 dBm         - Qhyst1s       0 dB         - Qhyst2s       Not Present         - Treselections       0 seconds         - HCS Serving cell information       Not Present         - Cell Access Restriction       Not present         - Cell Reserved for operator use       Not present         - Cell Reserved for operator use       Not present         - Cell Reserved for operator use       Not preserved         - Cell Reserved for operator use       Not preserved         - Cell Reserved for operator use       Not preserved         - Cell Reserved for oper
- Mapping infoNot Present- Cell selection_and_reselection_quality measureCPICH RSCP- CHOICE modeFDD- Sintrasearch16 dB- Sintersearch16 dB- Sistersearch16 dB- SsearchHCSNot Present- RAT ListThis parameter is configurable- RAT identifierGSM- Ssearch,RAT-32 dB- ShCS,RATNot Present- Qqualmin-20 dB- Qrkevmin-115 dBm- Qhyst1s0 dB- Maximum allowed UL TX power3dBm- Cell Access RestrictionNot Present- Cell BarredNot Present- Cell Reserved for operator useNot present- Cell Reserved for operator useNot present- Cell Reserved for operator useNot present- Cell Reserved for SamanaNot preserved- Access Class Barred0Not barred- Access Class Barred1Not barred
- Cell selection_and_reselection_quality       CPICH RSCP         measure       FDD         - CHOICE mode       FDD         - Sintrasearch       16 dB         - SacarchHCS       Not Present         - RAT List       This parameter is configurable         - RAT identifier       GSM         - Ssearch,RAT       -32 dB         - Shesarch,RAT       -32 dB         - Simit,SearchRAT       Not Present         - Qualmin       -20 dB         - Orxlevmin       -115 dBm         - Qrylevnin       -115 dBm         - Qhyst1s       0 dB         - Ohyst2s       Not Present         - Treselections       0 seconds         - HCS Serving cell information       Not Present         - Cell Access Restriction       -         - Cell Access Restriction       Not present         - Traselections       Not present         - Cell Reserved for operator use       Not present         - Cell Reservation Extension       Not reserved
measure- CHOICE modeFDD- Sintrasearch16 dB- Sintrasearch16 dB- SsearchHCSNot Present- RAT ListThis parameter is configurable- RAT identifierGSM- Ssearch,RAT-32 dB- SHCS,RATNot Present- Slimit,SearchRATNot Present- Qqualmin-20 dB- Qrxlevmin-115 dBm- Qhyst1s0 dB- Ohyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot pareed- Call Reserved for Sarder UsitNot barred- Access Class Barred ListNot barred- Access Class Barred 1Not barred- Acces
- CHOICE modeFDD- Sintrasearch16 dB- Sintersearch16 dB- SsearchHCSNot Present- RAT listThis parameter is configurable- RAT identifierGSM- Ssearch,RAT-32 dB- ShCS,RATNot Present- Slimit,SearchRATNot Present- Qqualmin-20 dB- Qrxlevmin-115 dBm- Qhyst1s0 dB- Ohyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Cell Access RestrictionNot barred- Thraaf requency cell re-selection indicatorNot present- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot present- Cell Reserved for operator useNot presert- Cell Reserved for operator useNot presert- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot present- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot present- Cell Reserved for operator useNot preserved- Cell Reserved for operator useNot parred- Access Class Barred0Not barred- Access Class Barred
Sintrasearch16 dBSintersearch16 dBSsearchHCSNot PresentRAT ListThis parameter is configurableRAT identifierGSMSsearch,RAT-32 dBSHCS,RATNot PresentSlimit,SearchRATNot PresentQqualmin-20 dBQrxlevrnin-115 dBmQhyst1s0 dBQhyst2sNot PresentTreselections0 secondsHCS Serving cell informationNot PresentCell Access RestrictionNot barredTrasedNot barredCell Reserved for operator useNot presentCell Reserved for operator useNot reservedCell Reserved for operator useNot reservedAccess Class Barred0Not barredNot barredNot presertNot parredNot parredNot parredNot parred
Sintersearch16 dBSsearchHCSNot PresentRAT ListThis parameter is configurableRAT identifierGSMSsearch,RAT-32 dBSHCS,RATNot PresentSlimit,SearchRATNot PresentQqualmin-20 dBQrxlevmin-115 dBmQhyst1s0 dBQhyst2sNot PresentTreselections0 secondsHCS Serving cell informationNot PresentCell Access RestrictionNot pareedIntra-frequency cell re-selection indicatorNot presentTbarredNot presentCell Reserved for operator useNot presentCell Reservation ExtensionNot reservedAccess Class Barred0Not barredAccess Class Barred1Not barred
SearchHCSNot PresentRAT ListThis parameter is configurableRAT identifierGSMSsearch,RAT-32 dBSHCS,RATNot PresentSlimit,SearchRATNot PresentQqualmin-20 dBQrklevmin-115 dBmQhyst1s0 dBQhyst2sNot PresentTreselections0 secondsHCS Serving cell informationNot PresentAxium allowed UL TX power33dBmCell Access RestrictionNot presentTraselection for perator useNot presentCell Reserved for operator useNot presentCell Reservation ExtensionNot reservedAccess Class Barred0Not barredAccess Class Barred1Not barredAccess Class Barred1Not barred
- RAT ListThis parameter is configurable- RAT identifierGSM- Ssearch,RAT-32 dB- SHCS,RATNot Present- Slimit,SearchRATNot Present- Qqualmin-20 dB- Qrklevmin-115 dBm- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Cell barredNot present- Cell barredNot present- Tura-frequency cell re-selection indicatorNot present- Tura-frequency cell re-selection indicatorNot present- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot reserved- Cell Reserved for SamanNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred ListNot barred- Access Class Barred1Not barred
- RAT identifierGSM- Ssearch,RAT-32 dB- SHCS,RATNot Present- Slimit,SearchRATNot Present- Qqualmin-20 dB- Qrxlevmin-115 dBm- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Cell barredNot present- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- Teserved for operator useNot reserved- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot reserved- Access Class Barred ListNot barred- Access Class Barred1Not barred- Access Class Barred1Not barred
- Ssearch,RAT-32 dB- SHCS,RATNot Present- Slimit,SearchRATNot Present- Qqualmin-20 dB- Qrxlevmin-115 dBm- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Cell Access Restriction33dBm- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- TobarredNot present- Cell Reserved for operator useNot reserved- Cell Reservation ExtensionNot preserved- Access Class Barred ListNot barred- Access Class Barred1Not barred- Access Class Barred1Not barred
SHCS,RATNot PresentSlimit,SearchRATNot PresentQqualmin-20 dBQrxlevmin-115 dBmQhyst1s0 dBQhyst2sNot PresentTreselections0 secondsHCS Serving cell informationNot PresentMaximum allowed UL TX power33dBmCell Access RestrictionNot barredIntra-frequency cell re-selection indicatorNot presentTotal Reserved for operator useNot reservedCell Reservation ExtensionNot reservedAccess Class Barred ListNot barredAccess Class Barred0Not barredAccess Class Barred1Not barred
Slimit,SearchRATNot PresentQqualmin-20 dBQrxlevmin-115 dBmQhyst1s0 dBQhyst2sNot PresentTreselections0 secondsHCS Serving cell informationNot PresentMaximum allowed UL TX power33dBmCell Access RestrictionNot barred- Cell barredNot barredIntra-frequency cell re-selection indicatorNot present- T_barredNot present- Cell Reservation ExtensionNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred ListNot barred- Access Class Barred0Not barred- Access Class Barred1Not barred
- Qqualmin-20 dB- Qrxlevmin-115 dBm- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Maximum allowed UL TX power33dBm- Cell Access Restriction-Cell barred- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- T <sub>barred</sub> Not present- Cell Reserved for operator useNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred ListNot barred- Access Class Barred0Not barred- Access Class Barred1Not barred
- Qrxlevmin-115 dBm- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Maximum allowed UL TX power33dBm- Cell Access Restriction- Cell barred- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- T <sub>barred</sub> Not present- Cell Reserved for operator useNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred List- Access Class Barred0- Access Class Barred1Not barred
- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Maximum allowed UL TX power33dBm- Cell Access Restriction Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- T <sub>barred</sub> Not present- Cell Reserved for operator useNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred List Access Class Barred0Not barred- Access Class Barred1Not barred
- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Maximum allowed UL TX power33dBm- Cell Access Restriction33dBm- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- TbarredNot present- Cell Reserved for operator useNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred ListNot barred- Access Class Barred0Not barred- Access Class Barred1Not barred
- Treselections       0 seconds         - HCS Serving cell information       Not Present         - Maximum allowed UL TX power       33dBm         - Cell Access Restriction       33dBm         - Cell barred       Not barred         - Intra-frequency cell re-selection indicator       Not present         - T <sub>barred</sub> Not present         - Cell Reserved for operator use       Not reserved         - Cell Reservation Extension       Not reserved         - Access Class Barred List       -         - Access Class Barred0       Not barred         - Access Class Barred1       Not barred
- HCS Serving cell informationNot Present- Maximum allowed UL TX power33dBm- Cell Access Restriction33dBm- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- TbarredNot present- Cell Reserved for operator useNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred ListNot barred- Access Class Barred0Not barred- Access Class Barred1Not barred
<ul> <li>Maximum allowed UL TX power</li> <li>Cell Access Restriction</li> <li>Cell barred</li> <li>Intra-frequency cell re-selection indicator</li> <li>Tbarred</li> <li>Not present</li> <li>Cell Reserved for operator use</li> <li>Cell Reservation Extension</li> <li>Access Class Barred List</li> <li>Access Class Barred0</li> <li>Not barred</li> <li>Not barred</li> </ul>
- Cell Access Restriction       Not barred         - Cell barred       Not barred         - Intra-frequency cell re-selection indicator       Not present         - T <sub>barred</sub> Not present         - Cell Reserved for operator use       Not reserved         - Cell Reservation Extension       Not reserved         - Access Class Barred List       - Access Class Barred0         - Access Class Barred1       Not barred
- Cell barred     Not barred       - Intra-frequency cell re-selection indicator     Not present       - T <sub>barred</sub> Not present       - Cell Reserved for operator use     Not reserved       - Cell Reservation Extension     Not reserved       - Access Class Barred List     Not barred       - Access Class Barred0     Not barred       - Access Class Barred1     Not barred
<ul> <li>Intra-frequency cell re-selection indicator</li> <li>T<sub>barred</sub></li> <li>Cell Reserved for operator use</li> <li>Cell Reservation Extension</li> <li>Access Class Barred List</li> <li>Access Class Barred0</li> <li>Access Class Barred1</li> <li>Not barred</li> </ul>
- T <sub>barred</sub> Not present       - Cell Reserved for operator use     Not reserved       - Cell Reservation Extension     Not reserved       - Access Class Barred List     Not barred       - Access Class Barred1     Not barred
- Cell Reserved for operator use     - Cell Reservation Extension     - Access Class Barred List     - Access Class Barred0     - Access Class Barred1     Not barred
- Cell Reservation Extension     - Access Class Barred List     - Access Class Barred0     - Access Class Barred1     Not barred     Not barred
- Access Class Barred List     - Access Class Barred0     Not barred     Not barred     Not barred
- Access Class Barred0 Not barred
- Access Class Barred1 Not barred
- Access Class Barred2 Not barred
- Access Class Barred3 Not barred
- Access Class Barred4 Not barred
- Access Class Barred5 Not barred
- Access Class Barred6 Not barred
- Access Class Barred7 Not barred
- Access Class Barred8 Not barred
- Access Class Barred9 Not barred
- Access Class Barred10 Not barred
- Access Class Barred11 Not barred
- Access Class Barred12 Not barred
- Access Class Barred13 Not barred
- Access Class Barred14 Not barred
- Access Class Barred15 Not barred

## Contents of System Information Block type 3 (TDD)

- SIB4 Indicator	TRUE
- Cell identity	0000 0000 0000 0000 0000 0000 0001B
<ul> <li>Cell selection and re-selection info</li> </ul>	
- Mapping info	Not present
<ul> <li>Cell selection_and_reselection_quality</li> </ul>	(no data)CPICH RSCP
measure	
- CHOICE mode	TDD
- Sintrasearch	10 dB
- Sintersearch	10 dB
- SsearchHCS	Not present
- RAT List	This parameter is configurable
- RAT identifier	GSM
- Ssearch,RAT	-32 dB
- SHCS,RAT	Not present
- Slimit,ShearchRAT	Not Present
- Qrxlevmin	-103 <del>115</del> dBm
- Qhyst1s	0 dB
- Treselections	0 seconds
- HCS Serving cell information	Not present
- Maximum allowed UL TX power	30dBm
- Cell Access Restriction	
- Cell barred	Not barred
- Intra-frequency cell re-selection indicator	Not present
- T <sub>barred</sub>	Not present
- Cell Reserved for operator use	Not reserved
- Cell Reservation Extension	Not reserved
- Access Class Barred List	
- Access Class Barred0	Not barred
- Access Class Barred1	Not barred
- Access Class Barred2	Not barred
- Access Class Barred3	Not barred
- Access Class Barred4	Not barred
- Access Class Barred5	Not barred
- Access Class Barred6	Not barred
- Access Class Barred7	Not barred
- Access Class Barred8	Not barred
- Access Class Barred9	Not barred
- Access Class Barred10	Not barred
- Access Class Barred11	Not barred
- Access Class Barred12	Not barred
- Access Class Barred13	Not barred
- Access Class Barred14	Not barred
- Access Class Barred15	Not barred

Contents of System Information Block type 4 in connected mode (FDD)

	_
- Cell identity	0000 0000 0000 0000 0000 0000 0001B
- Cell selection and re-selection info	
- Mapping Info	Not present
<ul> <li>Cell_selection_and_reselection_quality</li> </ul>	CPICH RSCP
measure	
- CHOICE mode	FDD
- Sintrasearch	16 dB
- Sintersearch	16 dB
- SsearchHCS	Not present
- RAT List	This parameter is configurable
- RAT identifier	GSM
- Ssearch,RAT	-32 dB
- SHCS,RAT	Not Present
- Slimit.SearchRAT	Not Present
- Qqualmin	-20 dB
- Qrxlevmin	-115 dBm
- Qhyst1s	0 dB
- Qhyst2s	Not Present
- Treselections	0 seconds
- HCS Serving cell information	Not Present
- Maximum allowed UL TX power	33dBm
- Cell Access Restriction	
- Cell barred	Not barred
- Intra-frequency cell re-selection indicator	Not present
- T <sub>barred</sub>	Not present
- Access Class Barred	Not barred
- Cell Reserved for operator use	Not reserved
- Cell Reservation Extension	Not reserved
- Access Class Barred List	
- Access Class Barred0	Not barred
- Access Class Barred1	Not barred
- Access Class Barred2	Not barred
- Access Class Barred3	Not barred
- Access Class Barred4	Not barred
- Access Class Barred5	Not barred
- Access Class Barred6	Not barred
- Access Class Barred7	Not barred
- Access Class Barred8	Not barred
- Access Class Barred9	Not barred
- Access Class Barred10	Not barred
- Access Class Barred11	Not barred
- Access Class Barred12	Not barred
- Access Class Barred13	Not barred
- Access Class Barred14	Not barred
- Access Class Barred15	Not barred

Contents of System Information Block type 4 in connected mode (similar to SIB type3) (TDD)

|

- Cell identity	0000 0000 0000 0000 0000 0000 0001B
- Cell selection and re-selection info	
- Mapping info	Not Present
<ul> <li>Cell_selection_and_reselection_quality_</li> </ul>	(no data)CPICH RSCP
measure	
- CHOICE mode	TDD
- Sintrasearch	10 dB
- Sintersearch	10 dB
- SsearchHCS	Not present
- RAT List	This parameter is configurable
- RAT identifier	GSM
- Ssearch,RAT	-32 dB
- SHCS,RAT	Not present
- Slimit.ShearchRAT	Not Present
- Qrxlevmin	-103 <del>115</del> dBm
- Qhyst1s	0 dB
- Treselections	0 seconds
- HCS Serving cell information	Not present
- Maximum allowed UL TX power	30dBm
- Cell Access Restriction	
- Cell barred	Not barred
- Intra-frequency cell re-selection indicator	Not present
- T <sub>barred</sub>	Not present
- Cell Reserved for operator use	Not reserved
- Cell Reservation Extension	Not reserved
- Access Class Barred List	
- Access Class Barred0	Not barred
- Access Class Barred1	Not barred
- Access Class Barred2	Not barred
- Access Class Barred3	Not barred
- Access Class Barred4	Not barred
- Access Class Barred5	Not barred
- Access Class Barred6	Not barred
- Access Class Barred7	Not barred
- Access Class Barred8	Not barred
- Access Class Barred9	Not barred
- Access Class Barred10	Not barred
- Access Class Barred11	Not barred
- Access Class Barred12	Not barred
- Access Class Barred13	Not barred
- Access Class Barred14	Not barred
- Access Class Barred15	Not barred

Contents of System Information Block type 5 (FDD)

Γ	- SIB6 indicator	TRUE
	- PICH Power offset	-5 0B
	- CHOICE Mode	FDD
	- AICH Power offset	5 dB
	- Primary CCPCH info	
	TV Diversity indicator	
	- IX Diversity indicator	FALSE
	<ul> <li>PRACH system information list</li> </ul>	
	<ul> <li>PRACH system information</li> </ul>	
	- PRACH info	
	- Available Signature	'0000 0000 1111 1111'B
	- Available SF	64
	<ul> <li>Preamble scrambling code number</li> </ul>	0
	- Puncturing Limit	1.00
	Available Sub Channel number	
	- Transport Channel Identity	15
	- RACH TFS	
	- CHOICE Transport channel type	Common transport channels
	- Dynamic Transport format information	
		169
	- Number of TB and TTT List	
	<ul> <li>Number of Transport blocks</li> </ul>	1
	- CHOICE Mode	FDD
	- CHOICE Logical Channel List	Configured
	- RI C size	360
	Number of TD and TTL List	
	- Number of TB and TTT LIST	
	<ul> <li>Number of Transport blocks</li> </ul>	1
	- CHOICE Mode	FDD
	- CHOICE Logical Channel List	Configured
	- Semi-static Transport Format information	gara gara gara gara gara gara gara gara
	Transmission time interval	20 mg
	- Transmission time interval	
	<ul> <li>Type of channel coding</li> </ul>	Convolutional
	- Coding Rate	1/2
	- Rate matching attribute	150
	- CRC size	16
	- Normal	
	- TFCI Field 1 information	
	<ul> <li>CHOICE TFCS representation</li> </ul>	Complete reconfiguration
	- TFCS complete information	
	- CHOICE CTEC Size	2 hit
	CTEC information	
	- CIFC Information	0
	- Power offset information	
	- CHOICE Gain Factors	Computed Gain Factor
	- Reference TFC ID	0
	- CHOICE Mode	FDD
	- Power offset Pp-m	0 dB
	- CTEC information	1
	Dower offect information	
	- Power onset information	
	- CHOICE Gain Factors	Signalled Gain Factor
	- Gain factor ßc	11
	- Gain factor ßd	15
	- Reference TFC ID	0
	- CHOICE Mode	
	- Power onset Pp-m	0 dB
	- PRACH partitioning	
	- Access Service Class	
	- ASC Setting	
	- CHOICE mode	FDD
	- Available signature Start Index	
	Available signature Start Index	
	- Available signature End Index	
	- Assigned Sub-channel Number	11111 <sup>B</sup>
	- ASC Setting	
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#1)
	Available signature Start Index	7 (ASC#1)
	- Available signature End index	
1	<ul> <li>Assigned Sub-channel Number</li> </ul>	11111 <sup>·</sup> B

- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#2)
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#2)
<ul> <li>Assigned Sub-channel Number</li> </ul>	'1111'B
- ASC Setting	
- CHOICE mode	FDD
<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#3)
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#3)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#4)
- Available signature End Index	7 (ASC#4)
- Assigned Sub-channel Number	1111 B
CHOICE mode	EDD
- Available signature Start Index	0 (ASC # 5)
- Available signature End Index	7 (ASC#5)
- Assigned Sub-channel Number	11111'B
- ASC Setting	IIIIB
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#6)
- Available signature End Index	7 (ASC#6)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#7)
- Available signature End Index	7 (ASC#7)
- Assigned Sub-channel Number	'1Ì11'B
- Persistence scaling factor	
- Persistence scaling factor	0.9 (for ASC#2)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#3)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#4)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#5)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#6)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#7)
- AC-to-ASC mapping table	
- AC-to-ASC mapping	6 (AC0-9)
- AC-to-ASC mapping	5 (AC10)
- AC-to-ASC mapping	4 (AC11)
- AC-to-ASC mapping	3 (AC12)
- AC-to-ASC mapping	2 (AC13) 1 (AC14)
AC to ASC mapping	1 (AC14) = 0 (AC15)
- AC-IO-ASC mapping	31
- Constant value	-10
- PRACH power offset	10
- Power Ramp Step	3dB
- Preamble Retrans Max	2
- RACH transmission parameters	
- Mmax	2
- NB01min	3 slot
- NB01max	10 slot
- AICH info	
- Channelisation code	3
- STTD indicator	FALSE
- AICH transmission timing	0
- Secondary CCPCH system information	
- Secondary CCPCH info	
- Primary CPICH usage for channel estimation	Primary CPICH may be used
- Secondary CPICH into	Not Present
- Secondary scrampling code	
- STID Inducator	FALOE 64
- Opteaulity lactor	0 <del>4</del> 1
- Pilot symbol existence	FALSE
- TFCI existence	TRUE
- Fixed or Flexible position	Flexible

- Timing offset	0
- TFCS	(This IE is repeated for TFC number for PCH and FACH.)
- Normal	
- TFCI Field 1 information	
<ul> <li>CHOICE TFCS representation</li> </ul>	Complete reconfiguration
- TFCS complete information	
- CHOICE CTFC Size	4 bit
- CTFC information	0
<ul> <li>Power offset information</li> </ul>	Not Present
- CTFC information	1
- Power offset information	Not Present
- CTFC information	2
- Power offset information	Not Present
- CTFC information	3
- Power offset information	Not Present
- CTFC information	4
<ul> <li>Power offset information</li> </ul>	Not Present
- CTFC information	5
- Power offset information	Not Present
- CTFC information	6
- Power offset information	Not Present
- CTFC information	8
- Power offset information	Not Present
- CTEC information	10
- Power offset information	Not Present
- FACH/PCH information	Nothiosofic
- TES	(PCH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
	240
- Number of TB and TTL List	240
- Number of Transport blocks	0
- Number of Transport blocks	1
Somi static Transport Format information	ALL
- Semi-Static Transport Format Information	10 ms
- Transmission line interval	Convolutional
- Type of charmer coung Coding Pate	
- County Rale	1/2
- Rate matching attribute	200 16 hit
- GRU SIZE Transport Channel Identity	10 DIL 12 (for DCH)
- Transport Channel Identity	
- IFO CHOICE Transport shannel type	(FACH) Common transport observals
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	168
- RLC Size	168
- Number of Transport blocks	0
- Number of Transport blocks	
- Number of Transport blocks	
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format Information	10
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	220
- mansport channel identity	
- CTCH indicator	FALSE
	(FAUH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	000
	360
- Number of TB and III List	
- Number of Transport blocks	U

- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
<ul> <li>Transmission time interval</li> </ul>	10 ms
- Type of channel coding	Turbo
<ul> <li>Rate matching attribute</li> </ul>	130
- CRC size	16bit
- Transport Channel Identity	14 (for FACH)
- CTCH indicator	FALSE
- PICH info	
- Channelisation code	2
- Number of PI per frame	18
- STTD indicator	FALSE
- CBS DRX Level 1 information	Not Present

# Contents of System Information Block type 5 (TDD)

I

- SIB6 indicator	TRUE
- PICH Power offset	-5 dB
- CHOICE Mode	TDD
- PUSCH system information	Not Present
- PDSCH system information	Not Present
TDD open loop power control	Not Tresent
- Primary CCPCH TX Power	
- Alpha	(1/8)
- PRACH Constant Value	-10
<ul> <li>DPCH Constant Value</li> </ul>	-10
<ul> <li>PUSCH Constant Value</li> </ul>	-10
- Primary CCPCH info	
- CHOICE mode	TDD
- CHOICE SyncCase	Sync Case 2
- Timeslot	0
- Cell parameters ID	Not Present
Plack SCTD indicator	
- DIOCK SCTD Indicator	FALSE
- PRACH system information list	
- PRACH system information	
- PRACH INFO	
- CHOICE mode	טטו
- Timeslot number	14
<ul> <li>PRACH Channelisation Code List</li> </ul>	
- CHOICE SF	SF8
<ul> <li>Channelisation Code List</li> </ul>	
- Channelisation Code	8/1
- Channelisation Code	8/2
- Channelisation Code	8/3
- Channelisation Code	8/4
- PRACH Midamble	Direct
- Transport Channel Identity	15
	10
CHOICE Transport abannal type	Common transport channels
- CHOICE Transport transmistion	Common transport channels
	Defense aloues 0.40 Demonstra Oct
- RLC SIZE	Reference clause 6.10 Parameter Set
- Number of TB and TTT List	Reference clause 6.10 Parameter Set
<ul> <li>Number of Transport blocks</li> </ul>	Reference clause 6.10 Parameter Set
- CHOICE Mode	TDD
<ul> <li>Transmission Time Interval</li> </ul>	Not Present
<ul> <li>CHOICE Logical Channel List</li> </ul>	Configured ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	Reference clause 6.10 Parameter Set
- Type of channel coding	Reference clause 6.10 Parameter Set
- Coding Rate	Reference clause 6.10 Parameter Set
- Rate matching attribute	Reference clause 6.10 Parameter Set
- CRC size	Reference clause 6 10 Parameter Set
- RACH TECS	Not present
- PRACH partitioning	
- AULESS JEIVILE UIASS	(480#0)
- AGU Gellings	
	טטון

- Available Channelisation codes indices	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	ASC#1)
- CHOICE mode	TDD
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#2)
- CHOICE mode	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#3)
- CHOICE mode	IDD Not Procent (Default all)
- Available Channelisation codes indices	Size1
- Available Subchannels	null
- ASC Settings	(ASC#4)
- CHOICE mode	TDD
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE Subchannel Size	
- ASC Settings	(ASC#5)
- CHOICE mode	TDD
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null (ASC#6)
- CHOICE mode	
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- Persistence scaling factors	
- ACCESS SERVICE Class	0.9 (for ASC#2)
- Persistence scaling factor	0.9 (for ASC#3)
- Persistence scaling factor	0.9 (for ASC#4)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#5)
- Persistence scaling factor	0.9 (for ASC#6)
- AC-to-ASC mapping	
- AC-to-ASC mapping table	6 (AC0-9)
- AC-to-ASC mapping	5 (AC10)
- AC-to-ASC mapping	4 (AC11)
- AC-to-ASC mapping	3 (AC12)
- AC-to-ASC mapping	2 (AC13) 1 (AC14)
- AC-to-ASC mapping	0 (AC15)
- CHOICE mode	TDD (no data)
<ul> <li>Secondary CCPCH system information</li> </ul>	
- Secondary CCPCH system information	
- Secondary CCPCH info	
- Offset	0
- Common timeslot info	0
- 2 <sup>nd</sup> interleaving mode	Frame
- TFCI coding	Reference clause 6.10 Parameter Set
- Puncturing limit	Reference clause 6.10 Parameter Set
- Repetition length	Not present (mD 1)
- Individual timeslot info	Not procent (empty)
Timeslot number	1
- TFCI existence	Reference clause 6.10 Parameter Set
- Midamble Shift and burst type	Turno 1
- Midamble Allocation Mode	Default midamble
- Midamble configuration burst type 1 and	4
3	

--Midamble Shift Not Present - Code List - Channelisation Code (This IE is repeated for Code number for PCH and FACH) (This IE is repeated for TFC number for PCH and - TFCS FACH.) -CHOICE TFCI signalling - Normal - TFCI Field 1 information - CHOICE TFCS representation Complete reconfiguration Addition - TFCS complete addition information - CHOICE CTFC Size Number of bits used must be enough to cover all combinations of CTFC from clause 6.10. - CTFC information Reference clause 6.10 Parameter Set - Power offset information Not Present - FACH/PCH information (PCH) - TES Common transport channels - CHOICE Transport channel type - Dynamic Transport format information (This IE is repeated for TFI number.) - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - Number of Transport blocks - CHOICE Mode TDD - Transmission Time Interval Reference clause 6.10 Parameter Set - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set - CRC size Reference clause 6.10 Parameter Set - Transport Channel Identity 12 (for PCH) - CTCH indicator FALSE (FACH) - TFS - CHOICE Transport channel type Common transport channels (This IE is repeated for TFI number.) - Dynamic Transport format information - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Reference clause 6.10 Parameter Set - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - CRC size - Transport Channel Identity 13 (for FACH) - CTCH indicator FALSE - TFS (FACH) - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.) - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDDFDD - CHOICE Logical Channel List ALL - Semi-static Transport Format information Reference clause 6.10 Parameter Set - Transmission time interval - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - CRC size - Transport Channel Identity 14 (for FACH) - CTCH indicator FALSE - PICH info - CHOICE mode TDD

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Channelisation code

Timeslot number	0
<ul> <li>Midamble shift and burst type</li> </ul>	
CHOICE Burst Type	Type 1
Midamble Shift	0
- Channelisation code	<u>16/16</u>
- Repetition period/length	64/2
Offset	0
- Paging indicator length	4
<b>- N</b> GAP	4
N <sub>PCH</sub>	2
- CBS DRX Level 1 information	Not Present

# Contents of System Information Block type 6 in connected mode (FDD)

- PICH power offset	-5 dB
- CHOICE Mode	FDD
- AICH power offset	5 dB
- Primary CCPCH info	
- TX Diversity indicator	FALSE
- PRACH system information list	
PRACH system information	
- Available Signature	'0000 0000 1111 1111'B
- Available SF	64
<ul> <li>Preamble scrambling code number</li> </ul>	0
- Puncturing Limit	1.00
<ul> <li>Available Sub Channel number</li> </ul>	ʻ1111 1111 1111'B
- Transport Channel Identity	15
- RACH TFS	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC size	168
Number of TB and TTL List	
- Number of Transport blocks	1
- CHOICE Mode	FDD Oan finnen d
	Configured
- RLC size	360
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	Configured
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	20 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	150
- CRC size	16
Normal	
TECL Field 1 information	
- IFCIFICIUTITIONITIATION	Complete reconfiguration
- CHOICE TFCS representation	Complete reconfiguration
- IFCS addition information	
- CHOICE CIFC Size	2 bit
- CTFC information	0
<ul> <li>Power offset information</li> </ul>	
- CHOICE Gain Factors	Computed Gain Factor
- Reference TFC ID	0
- CHOICE Mode	FDD
- Power offset Pp-m	0 dB
- CTFC information	1
- Power offset information	
- CHOICE Gain Factors	Signalled Gain Factor
- Gain factor Rc	
Cain factor Rd	15
- Gain lacion su	10

	- Reference TFC ID	0
	- CHOICE Mode	FDD
	- Power offset Pp-m	0 dB
	- PRACH partitioning	
	- Access Service Class	
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#0)
	- Available signature End Index	7 (ASC#0)
	- Assigned Sub-channel Number	'1111'B
	- ASC Setting	
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#1)
	- Available signature End Index	7 (ASC#1)
	- Assigned Sub-channel Number	ППВ
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#2)
	- Available signature End Index	7 (ASC#2)
	- Assigned Sub-channel Number	'1111'B
	- ASC Setting	
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#3)
	- Available signature End Index	7 (ASC#3)
	- ASSIGNED Sub-Channel Number	TTTB
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#4)
	- Available signature End Index	7 (ASC#4)
	<ul> <li>Assigned Sub-channel Number</li> </ul>	'1111'B
	- ASC Setting	500
	- CHOICE mode	
	- Available signature Start Index	0 (ASC#5) 7 (ASC#5)
	- Assigned Sub-channel Number	(1111'B
	- ASC Setting	
	- CHOICE mode	FDD
	<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#6)
	- Available signature End Index	7 (ASC#6)
	- Assigned Sub-channel Number	'1111'B
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#7)
	- Available signature End Index	7 (ASC#7)
	- Assigned Sub-channel Number	'1111'B
	<ul> <li>Persistence scaling factor</li> </ul>	
	- Persistence scaling factor	0.9 (for ASC#2)
	- Persistence scaling factor	0.9 (for ASC#3)
	- Persistence scaling factor	0.9 (101 A3C#4)
	- Persistence scaling factor	0.9 (for ASC#6)
	- Persistence scaling factor	0.9 (for ASC#7)
	- AC-to-ASC mapping	Not Present
	- Primary CPICH DL TX power	31
	- Constant value	-10
	- PRACH power offset	
	- Power Ramp Step Broamble Betrans Max	30B
	- RACH transmission parameters	2
ļ	- Mmax	2
	- NB01min	3 slot
	- NB01max	10 slot
ļ	- AICH info	
ļ	- Channelisation code	3
	- STID Indicator	FALSE
	- AIGH ITANSHIISSION TIIMING	0
	- Secondary CCPCH info	
	- Primary CPICH usage for channel estimation	Primary CPICH may be used

- Secondary CPICH info	Not Present
<ul> <li>Secondary scrambling code</li> </ul>	Not Present
- STTD indicator	FALSE
<ul> <li>Spreading factor</li> </ul>	64
- Code number	1
<ul> <li>Pilot symbol existence</li> </ul>	FALSE
- TFCI existence	TRUE
<ul> <li>Fixed or Flexible position</li> </ul>	Flexible
- Timing offset	0
- TFCS	(This IE is repeated for TFC number for PCH and FACH.)
- Normal	
- IFCI Field 1 information	
- CHOICE IFCS representation	Complete reconfiguration
- TECS addition information	
- CHOICE CIFC Size	4 Dit
- CIFC Information	U Nat Dragant
- Power onset information	Not Present
- CIFC Information	Net Present
- Power offset information	Not Present
- CIFC III0IIIalioII Power effect information	Z Not Procent
CTEC information	2
- Dower offset information	Not Present
- CTFC information	
- Power offset information	Not Present
- CTFC information	5
- Power offset information	Not Present
- CTEC information	6
- Power offset information	Not Present
- CTFC information	8
- Power offset information	Not Present
- CTFC information	10
- Power offset information	Not Present
- FACH/PCH information	
- TFS	(PCH)
- CHOICE Transport channel type	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	240 (PCCH)
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	230
- UKU SIZE	16 DIL 42 (for DOLI)
- Transport Channel Identity	
- IFO CHOICE Transport shapped type	(FACH) Common transport channels
- OnOICE Transport format information	
	168
- Number of TB and TTLL ist	100
- Number of Transport blocks	0
- Number of Transport blocks	1
- Number of Transport blocks	2
- Number of Transport blocks	3
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	230
_	

- Transport Channel Identity	13 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
- Dynamic Transport format information	
- RLC Size	360
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
- Semi-static Transport Format information	
<ul> <li>Transmission time interval</li> </ul>	10 ms
<ul> <li>Type of channel coding</li> </ul>	Turbo
- Rate matching attribute	130
- CRC size	16bit
<ul> <li>Transport Channel Identity</li> </ul>	14 (for FACH)
- CTCH indicator	FALSE
- PICH info	
- Channelisation code	2
- Number of PI per frame	18
- STTD indicator	FALSE
- CBS DRX Level 1 information	Not Present

Contents of System Information Block type 6 in connected mode (similar to SIB type 5) (TDD)

- PICH Power offset	-5 dB
- CHOICE Mode	TDD
- PUSCH system information	Not Present
- PDSCH system information	Not Present
- TDD open loop power control	
- Primary CCPCH Tx Power	30 dbm
- Alpha	(1/8)
- PRACH Constant Value	-10
- DPCH Constant Value	-10
- PUSCH Constant Value	-10
- Primary CCPCH info	
- CHOICE mode	TDD
- CHOICE SyncCase	Sync Case 2
- Timeslot	0
- Cell parameters ID	Not Present
- Block SCTD indicator	FALSE
<ul> <li>PRACH system information list</li> </ul>	
- PRACH system information	
- PRACH info	
- CHOICE mode	TDD
- Timeslot number	14
<ul> <li>PRACH Channelisation Code List</li> </ul>	
- CHOICE SF	SF8
<ul> <li>Channelisation Code List</li> </ul>	
- Channelisation Code	8/1
- Channelisation Code	8/2
- Channelisation Code	8/3
- Channelisation Code	8/4
- PRACH Midamble	Direct
- Transport Channel Identity	15
- RACH IFS	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	(This IE is repeated for TFT number)
- RLC size	Reference clause 6.10 Parameter Set
- Number of TB and TTLIST	Reference clause 6.10 Parameter Set
- Number of Transport blocks	Reference clause 6.10 Parameter Set
	Net Present
- mansmission time interval	
- URUICE LOGICAI UNANNEL LIST	
- Semi-static transport Format Information	Reference clause 6.10 Parameter Set
	Reference clause 0.10 Parameter Set

<ul> <li>Type of channel coding</li> </ul>	Reference clause 6.10 Parameter Set
- Coding Rate	Reference clause 6.10 Parameter Set
<ul> <li>Rate matching attribute</li> </ul>	Reference clause 6.10 Parameter Set
- CRC size	Reference clause 6.10 Parameter Set
- RACH TFCS	Not present
- PRACH partitioning	
- Access Service Class	
- ASC Settings	(ASC#0)
- CHOICE mode	TDD
<ul> <li>Available Channelisation codes indices</li> </ul>	Not Present (Default all)
<ul> <li>CHOICE subchannel size</li> </ul>	Size1
<ul> <li>Available Subchannels</li> </ul>	null
- ASC Settings	(ASC#1)
- CHOICE mode	TDD
<ul> <li>Available Channelisation codes indices</li> </ul>	Not Present (Default all)
<ul> <li>CHOICE subchannel size</li> </ul>	Size1
<ul> <li>Available Subchannels</li> </ul>	null
- ASC Settings	(ASC#2)
- CHOICE mode	TDD
<ul> <li>Available Channelisation codes indices</li> </ul>	Not Present (Default all)
<ul> <li>CHOICE subchannel size</li> </ul>	Size1
<ul> <li>Available Subchannels</li> </ul>	null
- ASC Settings	(ASC#3)
- CHOICE mode	TDD
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#4)
- CHOICE mode	
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE Subchannel Size	Sizei
- ASC Settings	
Available Channelisation codes indices	Not Procent (Default all)
	Size1
- Available Subchannels	null
- ASC Settings	(ASC#6)
- CHOICE mode	
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- Persistence scaling factors	
- Access Service Class	
- Persistence scaling factor	0.9 (for ASC#2)
- Persistence scaling factor	0.9 (for ASC#3)
- Persistence scaling factor	0.9 (for ASC#4)
- Persistence scaling factor	0.9 (for ASC#5)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#6)
- AC-to-ASC mapping	Not Present
AC-to-ASC mapping table	
	<del>6 (AC0-9)</del>
AC-to-ASC mapping	<del>5 (AC10)</del>
AC-to-ASC mapping	4 (AC11)
AC-to-ASC mapping	<del>3 (AC12)</del>
AC-to-ASC mapping	<del>2 (AC13)</del>
AC-to-ASC mapping	<del>1 (AC14)</del>
AC-to-ASC mapping	<del>0 (AC15)</del>
- CHOICE mode	IDD (no data)
- Secondary CCPCH system information	
- Secondary CCPCH system information	
- Secondary CCPCH info	
	U
- Common timeslot into	
- ∠ Interleaving mode	Reference eleves 6 40 Decements 2 C
- IFCI COUINY Duncturing limit	Reference clause 6.10 Parameter Set
- Puncturing IIIIIL Popotition poriod	Not Proport (MD "1")
- Repetition period	

- Repetition length Not present - Individual timeslot info - Timeslot number - TFCI existence Reference clause 6.10 Parameter Set - Midamble Shift and burst type - CHOICE Burst Type Type 1 Default midamble - Midamble Allocation Mode - Midamble configuration burst type 1 and 3 Not Present - Midamble Shift - Code List - Channelisation Code Reference clause 6.10 Parameter Set - TFCS (This IE is repeated for TFC number for PCH and FACH.) - Normal - TFCI Field 1 information Complete reconfigurationAddition - CHOICE TFCS representation - TFCS complete reconfigurationaddition information - CHOICE CTFC Size Number of bits used must be enough to cover all combinations of CTFC from clause 6.10. Reference clause 6.10 Parameter Set - CTFC information - Power offset information Not Present - FACH/PCH information - TFS (PCH) - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.) Reference clause 6.10 Parameter Set - RLC Size - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Reference clause 6.10 Parameter Set - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - CRC size 12 (for PCH) - Transport Channel Identity - CTCH indicator FALSE - TFS (FACH) - CHOICE Transport channel type Common transport channels (This IE is repeated for TFI number.) - Dynamic Transport format information - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD Reference clause 6.10 Parameter Set - Transmission Time Interval - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - Type of channel coding - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - CRC size - Transport Channel Identity 13 (for FACH) (FACH) - TFS - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.) - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode FDD - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set - CRC size Reference clause 6.10 Parameter Set

T (O) (I) (i)	
- Transport Channel Identity	14 (for FACH)
- CTCH indicator	FALSE
- CTCH indicator	FALSE
- PICH info	
- CHOICE mode	TDD
Channelisation code	<del>16/16</del>
- Timeslot number	0
<ul> <li>Midamble shift and burst type</li> </ul>	
CHOICE Burst Type	Туре 1
Midamble Shift	0
<ul> <li>Channelisation code</li> </ul>	<u>16/16</u>
- Repetition period/length	64/2
Offset	0
- Paging indicator length	4
N <sub>GAP</sub>	4
- N <sub>PCH</sub>	2
- CBS DRX Level 1 information	Not Present

## Contents of System Information Block type 7 (FDD)

CHOICE Mode	FDD
- UL interference	-100dBm
- PRACHs listed in system information block	
type5	
<ul> <li>Dynamic persistence level</li> </ul>	2
- PRACHs listed in system information block	
type6	
<ul> <li>Dynamic persistence level</li> </ul>	2
- Expiration Time Factor	Not Present – use default value of 1

## Contents of System Information Block type 7 (TDD)

<ul> <li>PRACHs listed in system information block type5</li> <li>Dynamic persistence level</li> <li>PRACHs listed in system information block type6</li> </ul>	2
- Dynamic persistence level	2
-Expiration Time Factor	Not Present – use default value of 1

## Contents of System Information Block type 8, 9 (only for FDD)

This information is used for static CPCH in the cell, so this is not present.

Contents of System Information Block type 10 (only for FDD)

This information is used for DRAC, so this is not present.

Contents of System Information Block type 11 (FDD)

- SIB12 indicator	TRUE
	Not Present
- FACH measurement occasion info	Not Present
<ul> <li>Measurement control system information</li> </ul>	
- Use of HCS	Not used
- Cell selection and reselection quality -	CPICH RSCP
measure	
- Intra-frequency measurement system	
information	
<ul> <li>Intra-frequency measurement identity</li> </ul>	1
- Intra-frequency cell info list	
- CHOICE intra-frequency cell removal	Remove no intra-frequency cells
New intro frequency cello	
- New Intra-frequency cens	
- Intra-frequency cell id	1
- Cell info	
<ul> <li>Cell individual offset</li> </ul>	0dB
<ul> <li>Reference time difference to cell</li> </ul>	Not Present
Pood SEN indicator	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	Refer to clause titled "Default settings for cell No.1 (FDD)"
	in clause 6.1
- Primary CPICH TX power	Not Present
- TY Diversity indicator	
	FALSE
- Cell Selection and Re-selection into	
- Qoffset1 <sub>s,n</sub>	0 dB
- Qoffset2s,n	Not Present
- Maximum allowed LIL TX power	33 dBm
HCC noighbouring coll information	Not Dresent
- CHOICE mode	FDD
- Qqualmin	-20 dB
- Qrxlevmin	-115 dBm
<ul> <li>Cell for measurement</li> </ul>	Not Present
- Intra-frequency measurement quantity	
- Filter coefficient	0
Measurement questity	
- Intra-frequency reporting quantity for RACH	Not Present
Reporting	
<ul> <li>Maximum number of reported cells on RACH</li> </ul>	Not Present
- Reporting information for state CELL DCH	
- Intra-frequency reporting quantity	
- Reporting quantities for active set cells	
CEN CEN about ad time difference ture	No report
- SFIN-SFIN observed time difference type	
- Cell identity reporting indicator	IRUE
<ul> <li>Cell synchronisation information reporting</li> </ul>	TRUE
indicator	
- CHOICE mode	FDD
- CPICH Ec/N0 reporting indicator	FALSE
- CPICH RSCP reporting indicator	TRUE
Dathloss reporting indicator	
- Fathoss reporting indicator	FALSE
- Reporting quantities for monitored set cells	
<ul> <li>SFN-SFN observed time difference type</li> </ul>	No report
<ul> <li>Cell identity reporting indicator</li> </ul>	TRUE
- Cell synchronisation information reporting	FALSE
indicator	
- CHOICE mode	FDD
CDICH Ec/NO reporting indicator	
- UPICH KOUP reporting indicator	
- Pathloss reporting indicator	FALSE
<ul> <li>Reporting quantities for detected set cells</li> </ul>	Not Present
<ul> <li>Measurement reporting mode</li> </ul>	
- Measurement Report Transfer Mode	Acknowledged mode RLC
- Periodic Reporting/Event Trigger Reporting	Event trigger
Mode	
CHOICE report aritaria	Intra fraguancy managerement reporting oritoria
	mina-mequency measurement reporting criteria
- intra-frequency measurement reporting	
criteria	
<ul> <li>Parameters required for each event</li> </ul>	2 kinds

- Intra-frequency event identity	1a
- Triggering condition 1	Not Present
- Triggering condition 2	Active set cells and monitored set cells
- Reporting Range	5dB
- Cells forbidden to affect Reporting range	Not Present
- W	1.0
- Hysteresis	0.0
- Threshold Used Frequency	Not Present
- Reporting deactivation threshold	3
- Replacement activation threshold	Not Present
- Time to triager	640
- Amount of reporting	4
- Reporting interval	4000
- Reporting cell status	
- CHOICE reported cell	Report cell within active set and/or monitored set cells on
	used frequency
- Maximum number of reported cells	3
- Intra-frequency event identity	1b
- Triggering condition 1	Active set cells and monitored set cells
- Triggering condition 2	Not Present
- Reporting Range	5dB
- Cells forbidden to affect Reporting range	Not Present
- W	
- Hysteresis	
- Threshold Used Frequency	Not Present
- Reporting deactivation threshold	3
- Replacement activation threshold	Not Present
- Time to trigger	640
- Amount of reporting	4
- Reporting interval	4000
- Reporting cell status	
- CHOICE reported cell	Report cell within active set and/or monitored set cells on
	used frequency
- Maximum number of reported cells	3
- Inter-frequency measurement system	Not Present
information	
- Inter-RAT measurement system information	Not Present
- Traffic volume measurement system	Not Present
information	
- UE internal measurement system information	Not Present

# Contents of System Information Block type 11 (TDD)

1

- SIB 12 Indicator	TRUE
- FACH measurement occasion info	Not Present
- Measurement control system information	
- Use of HCS	Not used
<ul> <li>Cell_selection_and_reselection_quality</li> </ul>	(no data)CPICH-RSCP
measure	
<ul> <li>Intra-frequency measurement system</li> </ul>	
information	
<ul> <li>Intra-frequency measurement identity</li> </ul>	1
<ul> <li>Intra-frequency cell info list</li> </ul>	
<ul> <li>CHOICE intra-frequency cell removal</li> </ul>	Remove no intra-frequency cells
- New intra-frequency cells	
- Intra-frequency cell id	<u>1</u> <del>0</del>
- Cell info	
- Cell individual offset	0dB
- Reference time difference to cell	Not Present
- Read SFN Indicator	
- CHOICE mode	מטו
- Primary CCPCH info	
- Cell parameters ID	Reference clause 6.1 Default settings for cell
- Primary CCPCH TX power	Not Present
	Not Present
<u> </u>	Not Present
Burst type	NOT Present

1	
- Cell Selection and Re-selection info	Not Present
- Cell for measurement	Not Present
<ul> <li>Intra-frequency measurement quantity</li> </ul>	
- Filter coefficient	0
- CHOICE mode	TDD
<ul> <li>Measurement quantity list</li> </ul>	
- Measurement quantity	P-CCPCH RSCP
- Intra-frequency reporting quantity for RACH	
Reporting	
-SEN-SEN observed time difference	No report
- CHOICE mode	TDD
- Reporting quantity list	
- Reporting quantity	No report
- Maximum number of reported cells on RACH	No report
- Reporting information for state CELL DCH	
- Intra-frequency reporting quantity	
Poporting quantities for active act calls	
- Reporting quantities for active set cens	No report
- SFIN-SFIN ODSErved time difference	No report
Coll currentian information reporting	
- Cell synchronisation information reporting	FALSE
	TRUE
- Timeslot ISCP reporting indicator	FALSE
- Proposedal ISGN reporting required	FALSE
- P-CCPCH RSCP reporting indicator	IRUE
- Pathloss reporting indicator	FALSE
<ul> <li>Reporting quantities for monitored set cells</li> </ul>	
<ul> <li>SFN-SFN observed time difference</li> </ul>	No report
reporting indicator	
<ul> <li>Cell synchronisation information reporting</li> </ul>	FALSE
indicator	
<ul> <li>Cell identity reporting indicator</li> </ul>	TRUE
- CHOICE mode	TDD
<ul> <li>Timeslot ISCP reporting indicator</li> </ul>	FALSE
<ul> <li>Proposal TSGN reporting required</li> </ul>	FALSE
- P-CCPCH RSCP reporting indicator	TRUE
- Pathloss reporting indicator	FALSE
- Reporting quantities for detected set cells	Not Present
- Measurement reporting mode	
- Measurement Report Transfer Mode	Acknowledged mode RLC
<ul> <li>Periodical Reporting / Event Trigger</li> </ul>	Event trigger
Reporting Mode	
-CHOICE report criteria	
- Intra-frequency measurement reporting	
criteria	
- Parameters required for each event	
- Intra-frequency event identity	10
- Triggering condition1	Not Present
- Triggering condition2	Not Present
- Reporting Range	Not Present
- cells forbidden to affect reporting range	Not Present
- W(optional in case of 1a 1b)	Not Present
- Hysteresis	0.0
- Threshold used frequency	Not Present
- Reporting deactivation threshold	3Not Present
- Replacement activation threshold	Not Present
- Time to trigger	640
- Amount of reporting	Alnfinity
- Reporting interval	40000
- Reporting cell status	
- CHOICE reported cells	Report cell within active set and/or monitored cells on
	used frequency
- Maximum number of reported collo	
- Inter-frequency measurement system	Not Present
information	
- Inter-RAT measurement system information	Not Present
- Traffic volume measurement system information	Not Present
information	
mormation	l

<ul> <li>FACH measurement occasion info</li> </ul>	Not Present
<ul> <li>Measurement control system information</li> </ul>	
- Use of HCS	Not used
<ul> <li>Cell_selection_and_reselection_quality</li> </ul>	CPICH RSCP
measure	
<ul> <li>Intra-frequency measurement system</li> </ul>	
information	
<ul> <li>Intra-frequency measurement identity</li> </ul>	1
<ul> <li>Intra-frequency cell info list</li> </ul>	
<ul> <li>CHOICE intra-frequency cell removal</li> </ul>	Remove no intra-frequency cells
<ul> <li>New intra-frequency cells</li> </ul>	
<ul> <li>Intra-frequency cell id</li> </ul>	1
- Cell info	
<ul> <li>Cell individual offset</li> </ul>	0dB
<ul> <li>Reference time difference to cell</li> </ul>	Not Present
- Read SFN indicator	TRUE
- CHOICE mode	FDD
- Primary CPICH info	
- Primary scrambling code	Refer to clause "Default settings for cell No.1 (FDD)" in
	clause 6.1
- Primary CPICH TX power	Not Present
- TX Diversity indicator	FALSE
- Cell Selection and Re-selection info	
- Qoffset <sub>s.n</sub>	0 dB
- Qoffset2 <sub>s n</sub>	Not Present
- Maximum allowed LIL_TX power	33dBm
- HCS neighbouring cell information	Not Present
- CHOICE mode	FDD
- Qqualmin	-20 dB
- Orxlevmin	-115 dBm
- Cell for measurement	Not Present
- Intra-frequency measurement quantity	
- Filter coefficient	0
- Measurement quantity	CPICH RSCP
- Intra-frequency reporting quantity for RACH	Not Present
Reporting	
- Maximum number of reported cells on RACH	Not Present
<ul> <li>Reporting information for state CELL_DCH</li> </ul>	
- Intra-frequency reporting quantity	
- Reporting quantities for active set cells	
<ul> <li>SFN-SFN observed time difference type</li> </ul>	No report
<ul> <li>Cell synchronisation information reporting</li> </ul>	TRUE
indicator	
<ul> <li>Cell identity reporting indicator</li> </ul>	TRUE
- CHOICE mode	FDD
- CPICH Ec/N0 reporting indicator	FALSE
<ul> <li>CPICH RSCP reporting indicator</li> </ul>	TRUE
- Pathloss reporting indicator	FALSE
- Reporting quantities for monitored set cells	
- SFN-SFN observed time difference type	No report
- Cell synchronisation information reporting	FALSE
- Cell Identity reporting indicator	
- UPIUM KOUP reporting indicator	
- ratinoss reporting indicator	LALOE Not Propert
- reporting quantities for detected set cells	NOT PIESENT
- weasurement reporting mode Magaziromant Papart Transfer Mada	Asknowledged mode PLC
- Inedsurement Report Transfer Mode	Event triager
- Fendulo Reporting/Event Trigger Reporting Mode	Event uiggei
- CHOICE report criteria	Intra-frequency measurement reporting criteria
- CHOICE report chilena	I mua-mequency measurement reporting chiena

Contents of System Information Block type 12 in connected mode (FDD)

<ul> <li>Intra-frequency measurement reporting aritaria</li> </ul>	
Cillena Decomptore required for each event	
- Falameters required for each event	10
- Inita-frequency event identity	la Not Procent
- Triggering condition 1	Not Present
- Inggening condition 2	
- Reporting Range	DOB
- Cells forbidden to affect reporting range	Not Present
- VV	
- Hysteresis	0.0 Not Present
- Infestional Used Frequency	Not Present
- Reporting deactivation threshold	3
- Replacement activation threshold	Not Present
- Time to trigger	640
- Amount of reporting	4
- Reporting interval	0
- Reporting cell status	
- CHOICE reported cell	Report cell Within active set and/or monitored set cells on
	used frequency
- Maximum number of reported cells	3
- Intra-frequency event identity	
- Triggering condition 1	Active set cells and monitored set cells
- Triggering condition 2	Not Present
- Reporting Range	5dB
- Cells forbidden to affect Reporting range	Not Present
- W	1.0
- Hysteresis	0.0
- Threshold Used Frequency	Not Present
- Reporting deactivation threshold	3
- Replacement activation threshold	Not Present
- Time to trigger	640
- Amount of reporting	4
- Reporting interval	4000
- Reporting cell status	
- CHOICE reported cell	Report cell within active set and/or monitored set cells on
	used frequency
<ul> <li>Maximum number of reported cells</li> </ul>	3
<ul> <li>Inter-frequency measurement system</li> </ul>	Not Present
information	
<ul> <li>Inter-RAT measurement system information</li> </ul>	Not Present
- Traffic volume measurement system	Not Present
information	
- UE internal measurement system information	Not Present

# Contents of System Information Block type 12 in connected mode (similar to SIB type11) (TDD)

- FACH measurement occasion info	Not Present
<ul> <li>Measurement control system information</li> </ul>	
- Use of HCS	Not used
<ul> <li>Cell_selection_and_reselection_quality</li> </ul>	(no data)CPICH-RSCP
measure	
<ul> <li>Intra-frequency measurement system</li> </ul>	
information	
<ul> <li>Intra-frequency measurement identity</li> </ul>	1
—- Intra-frequency cell info list	
—- CHOICE intra-frequency cell removal	Remove no intra-frequency cells
—- New intra-frequency cells	
<ul> <li>Intra-frequency cell id</li> </ul>	<u>10</u>
<ul> <li>Cell individual offset</li> </ul>	0dB
<ul> <li>Reference time difference to cell</li> </ul>	Not Present
	TRUE False
	TDD
— - Primary CCPCH info	
	Reference clause 6.1 Default settings for cell
– Primary CCPCH TX power	Not Present
—- Timeslot list	Not Present

	Not Present
— Burst type	
<ul> <li>Cell Selection and Re-selection info</li> </ul>	Not Present
	Not present
<ul> <li>Intra-frequency measurement quantity</li> </ul>	
- Filter coefficient	0
- CHOICE mode	TDD
- Measurement list	
<ul> <li>Measurement quantity</li> </ul>	P-CCPCH RSCP
<ul> <li>Intra-frequency reporting quantity for RACH</li> </ul>	
Reporting	
-SFN-SFN observed time difference	No report
- CHOICE mode	TDD
<ul> <li>Reporting quantity list</li> </ul>	
<ul> <li>Reporting quantity</li> </ul>	No report
<ul> <li>Maximum number of reported cells on RACH</li> </ul>	No report
<ul> <li>Reporting information for state CELL_DCH</li> </ul>	
<ul> <li>Intra-frequency reporting quantity</li> </ul>	
<ul> <li>Reporting quantities for active set cells</li> </ul>	
<ul> <li>SFN-SFN observed time difference</li> </ul>	No report
reporting indicator	
<ul> <li>Cell synchronisation information reporting</li> </ul>	FALSE
indicator	
<ul> <li>Cell identity reporting indicator</li> </ul>	TRUE
- CHOICE mode	TDD
<ul> <li>Timeslot ISCP reporting indicator</li> </ul>	FALSE
<ul> <li>Proposedal TSGN reporting required</li> </ul>	FALSE
<ul> <li>P-CCPCH RSCP reporting indicator</li> </ul>	TRUE
<ul> <li>Pathloss reporting indicator</li> </ul>	FALSE
<ul> <li>Reporting quantities for monitored set cells</li> </ul>	
<ul> <li>SFN-SFN observed time difference</li> </ul>	No report
reporting indicator	
<ul> <li>Cell synchronisation information reporting</li> </ul>	FALSE
indicator	
<ul> <li>Cell identity reporting indicator</li> </ul>	TRUE
- CHOICE mode	TDD
<ul> <li>Timeslot ISCP reporting indicator</li> </ul>	FALSE
<ul> <li>Proposal TSGN reporting required</li> </ul>	FALSE
<ul> <li>P-CCPCH RSCP reporting indicator</li> </ul>	TRUE
<ul> <li>Pathloss reporting indicator</li> </ul>	FALSE
<ul> <li>Reporting quantities for detected set cells</li> </ul>	Not Present
<ul> <li>Measurement reporting mode</li> </ul>	
<ul> <li>Measurement Report Transfer Mode</li> </ul>	Acknowledged mode RLC
- Periodical Reporting / Event Trigger	Event trigger
Reporting Mode	
<u>-CHOICE report criteria</u>	
Intra-frequency measurement reporting	
criteria	
- Parameters required for each event	
Intra-frequency event identity	19
Iriggering condition1	Not Present
- I riggering condition2	Not Present
- Reporting Range	
- cells forbidden to affect reporting range	Not Present
- w (optional in case of 1a,1b)	
Hysteresis	U.U Nat Present
- Intestional used frequency	Not Present
- Reporting deactivation threshold	<u>Divol Present</u>
- Replacement activation threshold	
Time to trigger	
Amount of reporting 	40000
Reporting interval	<u>4000</u>
- Reporting cell status	Poport coll within active act and/or manifered calls
	Report cell within active set and/or monitored cells on
- Maximum number of reported calls	
Maximum number of reported cells	Not Present
information	
- Inter-RAT measurement system information	Not Present
Inter-iter incasurement system information	

- Traffic volume measurement system information	Not Present
- UE internal measurement system information	Not Present

# T1-020277

		СПУИ					CR-Form-v4
CHANGE REQUEST							
ж	34.108	CR <sup>102</sup>	ж ev	<b>-</b> X	Current version	on: <b>3.7.1</b>	ж
For <mark>HELP</mark> on u	ising this for	m, see bottom	of this page of	r look at the	e pop-up text o	over the X syn	nbols.
Proposed change	affects: ೫	(U)SIM	ME/UE X	Radio Ac	cess Network	Core Ne	twork
Title: ೫	Reference	es for TDD abo	out Clarification	of bit rate	of Interactive/E	Background P	S RAB
Source: ೫	Siemens						
Work item code: %	TEI				Date: ೫	2002-03-20	
Category: अ	F Use <u>one</u> of F (con A (cor B (add C (fun D (edi Detailed exp be found in	the following cate rection) responds to a co lition of feature), ctional modification torial modification blanations of the 3GPP <u>TR 21.900</u>	egories: prrection in an ea ion of feature) n) above categorie <u>2</u> .	arlier release es can	Release: ₩ Use <u>one</u> of th 2 (( e) R96 (I R97 (I R98 (I R99 (I REL-4 (I REL-5 (I	R99 he following rele GSM Phase 2) Release 1996) Release 1997) Release 1998) Release 1999) Release 4) Release 5)	eases:
Reason for change: # TDD RABs are included in section 6.10.3 in TS 34.108							
Summary of change: # Reference to section 6.10.3 for TDD mode is included							
Consequences if not approved:	ж						
Clauses affected:	೫ <mark>6.10</mark>	1					
Other specs affected:	ж О Те О	ther core speci est specification &M Specification	fications ns ons	6			
Other comments:	ж						

#### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: <u>http://www.3gpp.org/3G\_Specs/CRs.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

# 6.10 Reference Radio Bearer configurations used in Radio Bearer interoperability testing

The reference radio bearer configurations are typical configurations of the radio interface. This sub-set of the mandatory set of radio bearer configurations supported by the UE is intended to be used as test configurations for testing of the UE.

The reference radio bearer configurations are used in the radio bearer interoperability test cases, clause 14 of TS 34.123-1 [1]. The reference radio bearer configurations are also intended to be the first choice for other test cases where a radio bearer configuration is needed. For test cases requiring alternative configurations not provided by the reference radio bearer configurations then these specific radio bearer configurations are either specified in the actual test case itself; or in case the configurations are used by more than one test case then these common radio bearer configurations are specified in clause 6.11 of the present document.

NOTE: If not specifically specified then the mid-value of the RM attribute value range as specified by the actual reference radio bearer configuration shall be applied for testing.

# 6.10.1 QoS Architecture and RAB attributes

From a user point-of-view services are considered end-to-end, this means from a Terminal Equipment (TE) to another TE. An End-to-End Service may have a certain Quality of Service (QoS) which is provided for the user through the different networks. In UMTS, it is the UMTS Bearer Service that provides the requested QoS through the use of different QoS classes as defined in TS 23.107.

The UMTS Bearer Service consists of two parts, the Radio Access Bearer Service, RAB, and the Core Network Bearer Service. The Radio Access Bearer Service is realised by a Radio Bearer Service and an Iu-Bearer Service. The relationship between the services is illustrated in figure 6.10.1.1.



Figure 6.10.1.1: UMTS QoS Architecture

The Radio Access Bearer Service is characterised by a number of attributes such as Traffic class, Maximum bit rate, Guaranteed bit rate, SDU error ratio, Residual BER, Transfer Delay etc. As a first approach the four following attributes have been considered to come up with the parameter settings in clause 6.10.2.4 for FDD mode and 6.10.3.4 for TDD mode:

- Traffic class;
- SSD;
- Maximum bit rate;
- Residual BER.

The Traffic classes are explained in table 6.10.1.1. The Maximum bit rate has been considered at RLC layer and Physical Layer for the acknowledged and unacknowledged modes respectively. The Residual BER is understood as BER at RLC layer and Transport BLER for the acknowledged and unacknowledged modes respectively.

NOTE: The maximum bit rate in 6.10.2.4 for FDD mode and 6.10.3.4 for TDD mode is one of the RAB attribute as described above. For Interactive/Background PS RABs, however, the maximum bit rate of Radio Bearer can be lower than the maximum bit rate of RAB attributes due to radio resource management. Bit rates of Interactive/Background PS RABs described in 6.10.2.4 for FDD mode and 6.10.3.4 for TDD mode may represent the maximum bit rate of Radio

Bearer taking account into this management.

Traffic class	Conversational class conversational RT	Streaming class streaming RT	Interactive class Interactive best effort	Background Background best effort
Fundamental characteristics	<ul> <li>Preserve time relation (variation) between information entities of the stream</li> <li>Conversational pattern (stringent and low delay)</li> </ul>	- Preserve time relation (variation) between information entities of the stream (i.e. some but constant delay)	Request response pattern Preserve payload content	Destination is not expecting the data within a certain time Preserve payload content
Example of the application	- speech, video,	<ul> <li>facsimile (NT)</li> <li>streaming audio and video</li> </ul>	- Web browsing	<ul> <li>background download of emails</li> </ul>

#### Table 6.10.1.1: Traffic classes

# 3GPP TSG- T1 Meeting #15 Lund, Sweden, 21<sup>st</sup>, 24<sup>th</sup> May 2002

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CR-Form-v6.1										
ж	TS	34.108	CR 10	<mark>3</mark> ៖	rev،	-	ж	Current versi	on: <b>3.7</b>	.1 <sup>%</sup>
	Sp	pec Title:	Common T Conformar	Test Enviror nce Testing	nments	for U៖	ser E	quipment (UE	÷)	ж
For <u>HEL</u>	. <mark>P</mark> on u	sing this for	rm, see bott	tom of this p	bage or	look a	at the	pop-up text o	over the ¥	symbols.
Proposed change affects: # (U)SIM ME/UE X Radio Access Network Core Network										
Title:	ж	Correction	ns to defaul	lt message	in claus	e 9 o	f TS :	34.108		
Source:	ж	MCI								
Work item o	:ode: ೫	TEI						<i>Date:</i>	22 <sup>nd</sup> May	2002
Category:	ж	F Use <u>one</u> of F (con A (cor B (add C (fun D (edi Detailed exp	the following rection) responds to dition of featu ctional modific torial modific planations of	a correction a correction ure), fication of fea cation) the above ci	in an ea ature) ategorie:	rlier re s can	lease	Release: ₩ Use <u>one</u> of t 2 R96 R97 R98 R99 REL-4	R99 he following GSM Phase (Release 19 (Release 19 (Release 19 (Release 19 (Release 4)	releases: 2) 96) 97) 98) 99)

Reason for change: ೫	1.	Transfer Annex A of TS 34.123-1 and all its corrections which were presented in T1/SIG #22 meeting into clause 9 of TS 34.108.
	2.	Merge all corrections to clause 9 of TS 34.108 that were presented in T1/SIG #22 meeting in this CR.
	3.	When IE "RRC state indicator" is set to "URA_PCH" or "CELL_PCH", IE "UTRAN DRX cycle length coefficient" has to be included.
	4.	Editorial.
	From T	1S-020293 and T1S-020299,
	The c follow	orrections to default message included in this CR are proposed for the ing reasons:
	• To	align with the latest revision of the core specifications
	• To	include currently missing indication of not present IEs in the default onfigurations.
	• <u>T</u> o	introduce information that is typically needed in real network configurations
	To     p     p     r     r     r     r     se	introduce the 13.6 kbps signalling radio bearer in RRC connectioon setup rocedure as was agreed at T1/SIG#22 (T1S-020156). Current generic setup rocedures use the 3.4 kbps signalling radio bearer. The 13.6 kbps signalling idio bearer would represent a more likely configuration to be used in real etwork as it provides for better signalling performance, e.g. a faster call etup.
	• To	avoid transmission of redundant information (efficiency)

# T1S-020244r3

T1-020278

# **Revision 3:**

During transition to CELL\_FACH, UE should configured the physical resources immediately.

Summary of change: # <u>Revision 3 corrections:</u>

Editorial correction based on cross-checking with T1S-020293r1 and T1S-020299 colour coded in Orange/Red

Activation time for transition to CELL\_FACH are set to "Not Present".

For configuration of CTFC information, reference to clause 6.10.2.4 of TS 34.108 are provided in the case of FDD messages.

#### **New corrections**

1. The IE "UTRAN DRX cycle length coefficient" is set to 3 in URA UPDATE message in because the IE "RRC State Indicator" is set "URA\_PCH".

## From T1S-020293,

#### Changes to messages in clause 9.1:

- 1. Contents of DOWNLINK DIRECT TRANSFER message: AM
  - a. Changed RRC transaction identifier value from "0" to "Arbitrarily selects an integer between 0 and 3".
- 2. INITIAL DIRECT TRANSFER message: AM
  - Clarified remark for CN domain identity IE (to be checked against IXIT statement).
  - b. Detailes for Intra Domain NAS Node Selector added
  - c. Added missing "START" IE (marked as not checked)
- 3. RADIO BEARER SETUP message: AM or UM (Speech in CS)
  - a. Changed RRC transaction identifier value from "0" to "Arbitrarily selects an integer between 0 and 3".
  - b. Changed "Ciphering mode info" to "Not present" and remove the related IEs. Normal RB SETUP should not have Integrety protection mode info or ciphering info.
  - c. The SRB should be reconfigured from 13.6 kbps, which is the default configuration to 3.4 kbps, when setting up the speech RAB.
  - d. MAC logical channel priority for speech DCHs should be set to 7 The priority for speech should be lower than for signalling. Though the priority for speech should be higher than for pachet RAB. So the packet RAB priority value is changed from 6 to 8.
  - e. The need for IE "Frequency info" is MD and the IE not need be included if the frequency to be used is the same as the currently used one. It should be removed to avoid transmission of redundant information (efficiency)

- f. The IE "BLER Quality value" is changed from -6.3 to -2.0. The original value is not considered to be a realistic value (which may result a long time before power control stabilises). Although the tests using these default messages do not verify the power control, use of a more realistic value is proposed
- 4. RADIO BEARER SETUP message: AM or UM (Packet to CELL\_DCH from CELL\_DCH in PS)

Same changes as for "RADIO BEARER SETUP message: AM or UM (Speech in CS)" applies. In addition following changes are made:

- a. Changed RRC transaction identifier value from "0" to "Arbitrarily selects an integer between 0 and 3".
- b. Changed "Ciphering mode info" to "Not present" and remove the related IEs. Normal RB SETUP should not have Integrety protection mode info or ciphering info.
- c. The setting of IE "SDU discard" is changed to "No discard" for UM and AM signalling radio bearers. The use of SDU discard is not suitable for signaling radio bearers because neither RRC nor NAS is designed to cope with loss of messages. For SRB 1 (UM) this implies that IE SDU discard mode is removed, while for SRB 2, 3, 4 this implies that Timer\_MRW and MaxMRW are removed. Furthermore, IE "MAX\_DAT" has been changed from 4 to 15. The value of 4 is considered too low and may result in release of the connection in case of temporarily bad radio conditions. The value of 15 is considered to be more suitable for real network configurations.
- d. The value of IE "Transmission window size" and "Receiving window size changed from 8 to 128. In real network configurations the round trip time is expected to be in the order of 100 ms or larger. In such networks a window size of 8 could mean that the protocol is stalled most of the time. A higher window size is needed to prevent this. Moreover, the value of 128 is aligned with the L2 for L2 testing (34.123-1 clause 7.2.3)
- e. Within IE Polling info, IE "Poll-PDU" and IE "Timer\_poll\_periodic" are missing. The IEs have been added to the table, with status set to "Not present"
- f. The IE "Timer\_EPC" is set to "Not present". The EPC function can not be used for RBs with more than logical channel per transport channel, since this is not covered by the core specification. Moreover, the function is currently not verified by any test case in 34.123-1. Considering this, it does not make sense to include this IE in the default messages
- g. Within IE Downlink RLC status info, IE "Timer\_STATUS\_periodic" is missing. The IE has been added to the table, with status set to "Not present"
- h. The SRB should be reconfigured from 13.6 kbps, which is the default configuration to 3.4 kbps, when setting up the speech RAB.
- i. Change MAC logical channel priority for DCH multiplexing option to 8.
- j. Change re-establishment timer to T315
- k. Add PDCP info with contents
- 5. RADIO BEARER SETUP COMPLETE message: AM
  - a. The condition a) for including IE "COUNT-C activation time is rephrased to clarify that the IE is needed if the reconfiguration command message contained the IE "Ciphering activation time for DPCH" and the first RB

mapped onto RLC TM for a CN domain is established/ the last RB(s) mapped to RLC-TM for a CN domain is released.

- 6. RRC CONNECTION RELEASE message: UM
  - a. Changed RRC transaction identifier value from "0" to "Arbitrarily selects an integer between 0 and 3".
- 7. RRC CONNECTION REQUEST message: TM

Following changes from T1S-020158r1 agreed at T1/SIG#22 have been included

- a. For IE "Initial UE identity" the ID type is changed from IMSI (GSM MAP) to TMSI and LAI (GSM MAP) since this is considered to be the normal case.
- b. For IE "Measured results on RACH" the remark is changed from "Not checked" into "To be checked against requirement if specified" (See corresponding change to SIB type 11, as introduced in a corresponding CR covering SIB 11/ 12. The reason for adding this information is that UTRAN will typically need CPICH Ec/N0 of the serving cell to determine the initial power setting for the UE)
- 8. RRC CONNECTION SETUP message: UM (Transition to CELL\_DCH) clause 9.1

New changes not covered by T1S-020156 and T1S-020158r1 are (high-ligthed in blue in the CR):

- a. Changed RRC transaction identifier value from "0" to "Arbitrarily selects an integer between 0 and 3".
- b. Within IE "UL DCH TFCS" the CHOICE Gain Factors, the text inbetween brackets erroneously stated that the last TFC is also set to Computed rather than Signalled Gain Factors. This error has been corrected.
- c. The IE "BLER Quality value" is changed from -6.3 to -2.0. The original value is not considered to be a realistic value (which may result a long time before power control stabilises). Although the tests using these default messages do not verify the power control, use of a more realistic value is proposed
- d. IE "Default DPCH frame offset" is changed from 0 to an arbitrary value in the range 0..306688 by step of 512. IE "DPCH frame offset" is changed from 0 to Default DPCH Offset Value mod 38400. The reason for the change is that the IE can have any value and that the use of value 0 does not include a proper cover that the UE verifies that the two IEs have corresponding values
- 2. SECURITY MODE COMMAND message: AM
  - a. The supported algorithms in Security capability must match the capabilities signalled by the UE. Note that more than one algorithm can be supported. Affects IEs UEA0, UEA1 and Ciphering algorithm.
  - b. The setting of the spare bits for the supported security algorithms are clarified (not a single BOOLEAN but multiple bits in ASN.1)
  - c. CN domain identity changed from 'Supported domain' to 'CS or PS'
- 3. UPLINK DIRECT TRANSFER message: AM
  - Remark for CN domain identity IE changed. Checked to see if set to a CN domain for which a signalling connection exists (instead of against the IXIT statement).

## Changes to messages in clause 9.2:

4. RADIO BEARER SETUP message: AM or UM

Same changes as to "RADIO BEARER SETUP message: AM or UM" in clause 9.1.

5. RRC connection setup message: UM

Same changes as to "RRC connection setup message: UM (Transition to CELL\_DCH)" in clause 9.1

6. SECURITY MODE COMMAND message: AM

Same changes as to "SECURITY MODE COMMAND message: AM" in clause 9.1.

## From T1S-020299,

## Changes to Annex A.1 (Default messages for FDD):

- 1. ACTIVE SET UPDATE message: AM
  - a. Change IE "Maximum allowed UL Txpower" to Not present as typically an ACTIVE SET UPDATE would not cause a change to Maximum allowed UL Txpower (the currently configured maximum allowed UL TX power remains applicable). Therefore, the IE should be removed to avoid transmission of redundant information (efficiency).
- 2. MEASUREMENT CONTROL message: AM
  - a. Change of IE "Measurement reporting/Event trigger reporting Mode" due to an inconsistency between this IE and what is actually defined in the MEASUREMENT CONTROL (this IE is set to "Event triggered" while the measurement defined in the message is a periodical one)
  - b. "Intra-frequency measurement quantity" changed to Not present as there is no use defining Measurement quantity when periodical measurement is used (Measurement quantity defines what shall be the input to check whether a triggering condition has been fulfilled or not).
- 3. PHYSICAL CHANNEL RECONFIGURATION message: AM or UM
  - a. For condition A4 IE "Default DPCH frame offset" is changed from "Not present" to an arbitrary value in the range 0..306688 by step of 512. IE "DPCH frame offset" is changed from 0 to Default DPCH Offset Value mod 38400. Due to recent CR to 25.331 the IE needs to be included in any message via which the UE enters CELL\_DCH. By allowing any value and this test can be used to verify that the UE checks that the two IEs have corresponding values
- 4. PHYSICAL CHANNEL RECONFIGURATION COMPLETE message: AM
  - a. The condition a) for including IE "COUNT-C activation time is rephrased to clarify that the IE is needed if the reconfiguration command message contained the IE "Ciphering activation time for DPCH" and the first RB mapped onto RLC TM for a CN domain is established/ the last RB(s) mapped to RLC-TM for a CN domain is released
- 5. RADIO BEARER SETUP message: AM or UM
  - a. Normal RB SETUP should not have Integrety protection mode info and ciphering info; so remove Ciphering mode info, since current group is not valid.
  - b. MAC logical channel priority for speech DCHs should be set to 7 The priority for speech should be lower than for signalling. Though the priority for speech should be higher than for pachet RAB. So the packet RAB priority value is changed from 6 to 8.
  - c. The need for IE "Frequency info" is MD and the IE not need be included if the frequency to be used is the same as the currently used one. It should be removed to avoid transmission of redundant information (efficiency)
- d. Change re-establishment timer to T315
- e. Add PDCP info with contents for PS case
- f. Make Maximum allowed UL Tx power absent for A5 and A6 case (should use currently configured), the UE shall apply the value included in the IE contained in System Information Block type 3. This SIB includes exactly the same value. Therefore, the IE should be removed to avoid transmission of redundant information (efficiency)
- g. The IE "BLER Quality value" is changed from -6.3 to -2.0. The original value is not considered to be a realistic value (which may result a long time before power control stabilises). Although the tests using these default messages do not verify the power control, use of a more realistic value is proposed
- h. For condition A4, A7, A8 IE "Default DPCH frame offset" is changed from "Not present" to an arbitrary value in the range 0..306688 by step of 512. IE "DPCH frame offset" is changed from 0 to Default DPCH Offset Value mod 38400. Due to recent CR to 25.331 the IE needs to be included in any message via which the UE enters CELL\_DCH. By allowing any value and this test can be used to verify that the UE checks that the two IEs have corresponding values.
- i. Changed explanation of A1, A2, A7 and A8 to be consistent with explanation of other conditions (i.e. to <state> from <state>).

#### 6. RADIO BEARER RECONFIGURATION message: AM or UM

a. For condition A4 IE "Default DPCH frame offset" is changed from "Not present" to an arbitrary value in the range 0..306688 by step of 512. IE "DPCH frame offset" is changed from 0 to Default DPCH Offset Value mod 38400. Due to recent CR to 25.331 the IE needs to be included in any message via which the UE enters CELL\_DCH. By allowing any value and this test can be used to verify that the UE checks that the two IEs have corresponding values

#### 7. RADIO BEARER RELEASE message: AM or UM

- a. "Added or Reconfigured UL TrCh information" and " Added of Reconfiguration DL TrCH information" should be included for A1, A2, A3, and A5, in order to reconfigure the SRB from 3.4 kbps to 13.6 kbps
- b. For condition A4 IE "Default DPCH frame offset" is changed from "Not present" to an arbitrary value in the range 0..306688 by step of 512. IE "DPCH frame offset" is changed from 0 to Default DPCH Offset Value mod 38400. Due to recent CR to 25.331 the IE needs to be included in any message via which the UE enters CELL\_DCH. By allowing any value and this test can be used to verify that the UE checks that the two IEs have corresponding values
- 8. RRC CONNECTION SETUP message: UM (Transition to CELL\_FACH)
  - a. Value of "RRC transaction Identifier" changed from 0 to "Arbitrarily selects an integer between 0 and 3"
  - b. If the IE "RB identity" is absent, the UE shall apply the default value of 1 for the first IE "Signalling RB information to setup" and increase this default by 1 for each occurance of IE "Signalling RB information to setup". Thus, absence of the IE will have exactly the same result. IE "RB identity should be removed to avoid transmission of redundant information (efficiency)
  - c. Both for UL & DL, IE "Added or Reconfigured TrCH information list" shall be included in the message even though it is not needed when transiting to CELL\_FACH. For several parameters a reference to the general clause 6.10 of 34.108 specifying the default RABs was included. Since the UE is directed to CELL\_FACH/ a configuration on SCCPCH, it is unclear which configuration in 6.10 applies for these parameters. There are two options, as indicated below. The proposal is to apply option A, which is suggested

#### in TS 25.331

A) UTRAN includes a configuration that adds little to the encoded message size e.g. a DCH with a single zero size transport format. At a later stage, UTRAN may either remove or reconfigure this configuration

B) UTRAN includes a basic configuration for use in CELL\_DCH i.e. the TrCH configuration to support signalling. When moving to CELL\_DCH, UTRAN can use this as basis and modify it depending on how the traffic channels are mapped

- d. IE "Transparent mode signalling info" has been removed from 25.331 (related to the move of the TM TrCH to REL-4)
- e. The need for IE "Frequency info" is MD and the IE not need be included if the frequency to be used is the same as the currently used one. It should be removed to avoid transmission of redundant information (efficiency)
- f. If the IE max\_allowed\_UL\_TX\_power is absent, the UE shall apply the value included in the IE contained in System Information Block type 3. This SIB includes exactly the same value. Therefore, the IE should be removed to avoid transmission of redundant information (efficiency)
- g. RRC specifies that when entering CELL\_FACH, the UE shall ignore the IE "Primary CPICH info" if received. Therefore, the IE should be removed to avoid transmission of redundant information (efficiency). The proposal is to set IE "Downlink information for each radio link list" to "Not present", since this IE carries no other information
- 9. TRANSPORT CHANNEL RECONFIGURATION message: AM or UM
  - a. The IE "BLER Quality value" is changed from -6.3 to -2.0. The original value is not considered to be a realistic value (which may result a long time before power control stabilises). Although the tests using these default messages do not verify the power control, use of a more realistic value is proposed
  - b. For condition A4 IE "Default DPCH frame offset" is changed from "Not present" to an arbitrary value in the range 0..306688 by step of 512. IE "DPCH frame offset" is changed from 0 to Default DPCH Offset Value mod 38400. Due to recent CR to 25.331 the IE needs to be included in any message via which the UE enters CELL\_DCH. By allowing any value and this test can be used to verify that the UE checks that the two IEs have corresponding values
- 10. TRANSPORT CHANNEL RECONFIGURATION COMPLETE message: AM
  - a. The condition a) for including IE "COUNT-C activation time is rephrased to clarify that the IE is needed if the reconfiguration command message contained the IE "Ciphering activation time for DPCH" and the first RB mapped onto RLC TM for a CN domain is established/ the last RB(s) mapped to RLC-TM for a CN domain is released

## Approved corrections in T1/SIG #22 meeting (highlighted in yellow)

## From T1S-020138r1

- 1. In several messages, IE "Timer\_poll\_periodic" is missing in IE "Polling info" and IE "Timer\_STATUS\_periodic" is missing in IE "Downlink RLC status info". Both have been included and set to 'Not Present'.
- 2. RF messages have been revised to align with Signalling messages.
- 3. In RADIO BEARER SETUP message for RF, IE "CPCH set IE" and IE "Added or Reconfigured TrCH information for DRAC list" are missing. These IEs have

been added.

#### From T1S-020137r1

- In condition A5 and A6 of PHYSICAL CHANNEL RECONFIGURATION message, RADIO BEARER SETUP message, RADIO BEARER RECONFIGURATION message, RADIO BEARER RELEASE message and TRANSPORT CHANNEL RECONFIGURATION message, a valid value for IE "New C-RNTI" is added.
- 2. In several messages, IE "Timer\_poll\_periodic" is missing in IE "Polling info" and IE "Timer\_STATUS\_periodic" is missing in IE "Downlink RLC status info". Both have been included and set to 'Not Present'.
- 3. In RADIO BEARER SETUP message, IE "CHOICE mode" is duplicated, therefore, it has been removed.
- 4. In condition A4 of RADIO BEARER RELEASE message, IE "Deleted UL TrCH information" and IE "Deleted DL TrCH information" are set to "Not Present" because these transport channels are not available when UE is in CELL\_FACH state.
- 5. Whenever, transport channel is added or removed, TFCS has to be updated. Therefore in condition A5 and A6 of RADIO BEARER RELEASE message, TFCS has to be included.
- Condition A7, whereby CS UE transit from CELL\_DCH to CELL\_FACH for non-speech, is added to RADIO BEARER RELEASE message. Condition A8, whereby CS UE transit from CELL\_DCH to CELL\_FACH for speech, is added to RADIO BEARER RELEASE message.

#### From T1S-020154

Removal of "Power Offset Informaion" IE in RB SETUP (from cell\_DCH to cell\_DCH in PS)

#### From T1S-020156 (Ericsson)

For applicable signalling radio bearer parameters in the "RRC CONNECTION SETUP message: UM (Transition to CELL\_DCH)":

Replaced general references to parameter set in TS 34.108 clause 6.10 with a explicit reference to the 13.6 kbps signalling radio bearer (TS 34.108 clause 6.10.2.4.1.3).

Same corrections are included in default messages that were transferred from Annex A of TS 34.123-1 to clause 9 of TS 34.108 in T1S-020161.

#### From T1S-020158r1

RRC connection request message: TM

• For IE "Measured results on RACH" the remark is changed from "Not checked" into "To be checked against requirement if specified" (See corresponding change to SIB type 11, as introduced in a corresponding CR covering SIB 11/ 12. The reason for adding this information is that UTRAN will typically need CPICH Ec/N0 of the serving cell to determine the initial power setting for the UE)

RRC connection setup message: UM (Transition to CELL\_DCH)

- C-RNTI is removed upon transition to CELL\_DCH. Hence it should not be assigned in this case
- The IE "Capability update requirement" has been added, set to request both the UE radio access capabilities and the GSM capabilities. It will be beneficial for networks to request this information during connection establishment so that e.g. measurement on GSM neighbouring cell may be activated immediately. The tests should cover this case which is considered quite normal
- If the IE "RB identity" is absent, the UE shall apply the default value of 1 for the first IE "Signalling RB information to setup" and increase this default by 1 for each occurance of IE "Signalling RB information to setup". Thus, absence of the IE will have exactly the same result. IE "RB identity should be removed to avoid transmission of redundant information (efficiency)
- The setting of IE "SDU discard" is changed to "No discard" for UM and AM signalling radio bearers. The use of SDU discard is not suitable for signaling radio bearers because neither RRC nor NAS is designed to cope with loss of messages. For SRB 1 (UM) this implies that IE SDU discard mode is removed, while for SRB 2, 3, 4 this implies that Timer\_MRW and MaxMRW are removed. Furthermore, IE "MAX\_DAT" has been changed from 4 to 15. The value of 4 is considered too low and may result in release of the connection in case of temporarily bad radio conditions. The value of 15 is considered to be more suitable for real network configurations.
- The value of IE "Transmission window size" and "Receiving window size changed from 8 to 128. In real network configurations the round trip time is expected to be in the order of 100 ms or larger. In such networks a window size of 8 could mean that the protocol is stalled most of the time. A higher window size is needed to prevent this. Moreover, the value of 128 is aligned with the L2 for L2 testing (34.123-1 clause 7.2.3)
- Within IE Polling info, IE "Poll-PDU" and IE "Timer\_poll\_periodic" are missing. The IEs have been added to the table, with status set to "Not present"
- The IE "Timer\_EPC" is set to "Not present". The EPC function can not be used for RBs with more than logical channel per transport channel, since this is not covered by the core specification. Moreover, the function is currently not verified by any test case in 34.123-1. Considering this, it does not make sense to include this IE in the default messages
- Within IE Downlink RLC status info, IE "Timer\_STATUS\_periodic" is missing. The IE has been added to the table, with status set to "Not present"
- IE "Transparent mode signalling info" has been removed from 25.331 (related to the move of the TM TrCH to REL-4)
- The need for IE "Frequency info" is MD and the IE not need be included if the frequency to be used is the same as the currently used one. It should be removed to avoid transmission of redundant information (efficiency)
- If the IE max\_allowed\_UL\_TX\_power includes is absent, the UE shall apply the value included in the IE contained in System Information Block type 3. This SIB includes exactly the same value. Therefore, the IE should be removed to avoid transmission of redundant information (efficiency)
- RRC specifies that the UE shall ignore the value received in IE "CFN-targetSFN frame offset". Therefore, the IE should be removed to avoid transmission of redundant information (efficiency)
- Within IE "Downlink DPCH power control information", clarification is added that

	IE "CHOICE SF" specifies the number of pilot bits	
	• IE "Scrambling code change" should be absent rather than set to "no change". The IE relates to compressed mode (CM) using SF/2 method and should be absent since CM is not activated	
	From T1S-020225 (ASUSTek)	
	In section 9.1 and 9.2, add IE "New DSCH-RNTI" set to "Not present" into RADIO BEARER SETUP message.	
	From T1S-020153 (ASUSTek)	
	1. Change the related IEs in CELL UPDATE and CELL UPDATE CONFIRM messages in AnnexA.	
	2. Add IE "New DSCH-RNTI" set to "Not present" into CELL UPDATE CONFIRM, PHYSICAL CHANNEL RECONFIGURATION, RADIO BEARER RECONFIGURATION, RADIO BEARER RELEASE, RADIO BEARER SETUP and TRANSPORT CHANNEL RECONFIGURATION messages in Annex A.	
	From T1S-020194r1 (Ericsson)	
	<ol> <li>Transaction id has been added to the UE CAPABILITY CONFIRM message in Annex A.</li> </ol>	
	<u>2.</u> Several other minor error corrections	
Consequences if not approved:	# The test prose cannot test UE correctly.	
Clauses affected:	¥	
Other specs affected:	%       Other core specifications       %         Test specifications          O&M Specifications	
Other comments:	ж	

## How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: <u>http://www.3gpp.org/3G\_Specs/CRs.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

# 9.1 Default Message Contents for Signalling

# 9.1.1 Default RRC Message Contents (FDD)

This clause contains the default values of common messages, which unless indicated otherwise in specific clauses of TS 34.123-1, shall be transmitted and checked by the system simulator.

In this clause, decimal values are normally used. However, sometimes a hexadecimal value, indicated by an "H", or a binary value, indicated by a "B" is used.

The necessary L3 messages are listed in alphabetic order, with the exception of the SYSTEM INFORMATION messages, where it is the information elements which are listed in alphabetic order (this is because some information elements occur in several SYSTEM INFORMATION types).

## **Default SYSTEM INFORMATION:**

# NOTE: SYSTEM INFORMATION BLOCK TYPE 1 (except for PLMN type "GSM-MAP"), SYSTEM INFORMATION BLOCK TYPE 8, SYSTEM INFORMATION BLOCK TYPE 9, SYSTEM INFORMATION BLOCK TYPE 10, SYSTEM INFORMATION BLOCK TYPE 14, SYSTEM INFORMATION BLOCK TYPE 15 and SYSTEM INFORMATION BLOCK TYPE 16 messages are not used.

# Contents of ACTIVE SET UPDATE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects one integer between 0 to 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	Not Present
Activation time	now
New U-RNTI	Not Present
CN information info	Not Present
Downlink counter synchronisation info	Not Present
Maximum allowed UL TX power	Not Present – use default value
Radio link addition information	Not Present
Radio link removal information	Not Present
TX Diversity Mode	None
SSDT information	Not Present

# Contents of ACTIVE SET UPDATE COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if it matches the same value used in the
	corresponding downlink ACTIVE SET UPDATE message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

# Contents of ACTIVE SET UPDATE FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if it matches the same value used in the
	corresponding downlink ACTIVE SET UPDATE message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Refer to test requirement

# Contents of CELL UPDATE message: TM

Information Element	Value/remark
Message Type	
<u>U-RNTI</u>	Checked to see if it is set to the following values
- SRNC identity	<u>0000 0000 0001B</u>
<u>- S-RNTI</u>	<u>0000 0000 0000 0000 0001B</u>
RRC transaction identifier	Checked to see if it is absent
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
START List	Checked to see if the 'CN domain identity' and 'START'
	IEs are present for all CN domains supported by the UE
- CN domain identity	Checked to see if it is one of the supported CN domains
<u> </u>	Checked to see if it is present
AM_RLC error indication (RB2, RB3 or RB4)	Checked to see if it is set to 'FALSE'
AM RLC error indication (RB>4)	Checked to see if it is set to 'FALSE'
Cell update cause	See the test content
Failure cause	Checked to see if it is absent
<u>RB timer indicator</u>	
- T314 expired	Checked to see if it is set to 'FALSE'
- T315 expired	Checked to see if it is set to 'FALSE'
Measured results on RACH	Not checked

# Contents of CELL UPDATE CONFIRM message: UM

Information Element	Value/remark
Message Type	
U-RNTI	If this message is sent on CCCH, use the following
	values. Else, this IE is absent.
- SRNC identity	0000 0000 0001B
- S-RNTI	0000 0000 0000 0000 0001B
RRC transaction identifier	Selects an arbitrary integer between 0 to 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
- message authentication code	SS calculates the value of MAC-I for this message and
	writes to this IE.
- RRC message sequence number	SS provides the value of this IE, from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	Not Present
Activation time	Not Present – use default value
New U-RNTI	Not Present
New C-RNTI	Not Present
New DSCH-RNTI	Not Present
RRC State indicator	CELL FACH
UTRAN DRX cycle length coefficient	Not Present
RLC re-establish indicator (RB2, RB3 and RB4)	FALSE
RLC re-establish indicator (RB5 and upwards)	FALSE
CN information info	Not Present
URA identity	<u>0000 0000 0001B</u>
RB information to release list	Not Present
RB information to reconfigure list	Not Present
RB information to be affected list	Not Present
Downlink counter synchronisation info	Not Present
UL Transport channel information common for all	Not Present
transport channels	
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	Not Present
CHOICE Mode	<u>FDD</u>
<u>- CPCH set ID</u>	Not Present
<ul> <li>Added or Reconfigured TrCH</li> </ul>	Not Present
information for DRAC list	
DL Transport channel information common for all	Not Present
transport channels	
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	Not Present
Frequency info	Not Present
IVIAXIMUM Allowed UL TX power	Not Present
	<u>FUU</u> Not Descent
- DOWNIINK PDSCH INTORMATION	Not Present
Downlink Information common for all radio links	Not Present
Downlink information per radio link list	NOT Present

# Contents of DOWNLINK DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 30
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
CN domain identity	CS domain or PS domain
NAS message	See Specific Message Content for each test case

# Contents of INITIAL DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent.
- Message authentication code	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.
CN domain identity	<u>Checked to see if set to supported CN domain as</u> specified in the IXIT statements <del>CS domain or PS domain</del>
Intra Domain NAS Node Selector	Set to the same octet string as in the IMSI stored in the USIM card
- CHOICE version	R99
- CHOICE CN type	GSM-MAP
- CHOICE Routing basis	Local (P)TMSI
- Routing parameter	If the IE "CN domain identity" is equal to "CS domain", this
	bit string is set to to bits b14 through b23 of the TMSI.
	If the IE "CN domain identity" is equal to "PS domain", this
	bit string is set to to bits b14 through b23 of the P-TMSI.
	The TMSI/ P-TMSI bits are numbered from b0 to b31, with
	bit b0 being the least significant.
- Entered parameter	FALSE
NAS message	Set according to that indicated in specific message
	content for each test case
<u>START</u>	Not checked
Measured results on RACH	Not checked

# Contents of MEASUREMENT CONTROL message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an unused integer between 0 to 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Measurement Identity	1
Measurement Command	<u>Setup</u>
Measurement Reporting Mode	
- Measurement Report Transfer Mode	Acknowledged mode RLC
<ul> <li>Measurement Reporting/Event Trigger Reporting</li> </ul>	Periodical
Mode Additional management list	Net Present
	Intra frequency measurement
- Intra-frequency measurement	Intra-frequency measurement
- Intra-frequency cell info	
- New intra-frequency cell	
- Intra-frequency cell-id	1
- Cell info	<u> </u>
- Cell individual offset	0dB
- Reference time difference to cell	Not Present
- Read SFN number	FALSE
- CHOICE mode	FDD
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	Different from the Default setting in TS34.108 clause 6.1
	(FDD)
<ul> <li>Primary CPICH Tx power</li> </ul>	Not Present
- TX Diversity indicator	FALSE
<ul> <li>Intra-frequency measurement quantity</li> </ul>	Not Present
- Intra-frequency reporting quantity	
- Reporting quantities for active set cells	
- SFN-SFN observed time difference reporting	No report
indicator	
- Cell synchronisation information reporting	FALSE
indicator	
<ul> <li>Cell Identity reporting indicator</li> </ul>	TRUE
<ul> <li>- CPICH Ec/N0 reporting indicator</li> </ul>	FALSE
<ul> <li>CPICH RSCP reporting indicator</li> </ul>	TRUE
<ul> <li>Pathloss reporting indicator</li> </ul>	FALSE
<ul> <li><u>- Reporting quantities for monitored cells</u></li> </ul>	
<ul> <li>SEN-SEN observed time difference reporting</li> </ul>	No report
<u>indicator</u>	E41.0E
- Cell synchronisation information reporting	<u>raloe</u>
Indicator Coll Identity reporting indicator	TDUE
- CPICH RSCP reporting indicator	
- Pathloss reporting indicator	FALSE
- Reporting quantities for detected set cells	Not Present
- Reporting cell status	
- CHOICE reported cell	Report cell within active set and/or monitored cells on
	used frequency
- Maximum number of reported cells	2
- Measurement validity	Not Present
- CHOICE report criteria	Periodic reporting criteria
- Amount of reporting	Infinity
- Reporting interval	<u>64 sec</u>
DPCH Compressed mode status info	Not Present

# Contents of MEASUREMENT CONTROL FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if it's set to the identical value for the
	same IE in the downlink MEASUREMENT CONTROL
	<u>message</u>
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	See the test content

# Contents of MEASUREMENT REPORT message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Measurement identity	1
Measured Results	
- Intra-frequency measured results	
- Cell measured results	
- Cell Identity	Not present
- SFN-SFN observed time difference	Checked that this IE is absent
- Cell synchronisation information	Checked that this IE is absent
<u>- Primary CPICH Into</u>	Different from the Default action in TOO 4 400 closes 0.4
- Primary scrambling code	Different from the Default setting in 1534.108 clause 6.1 (FDD)
- CPICH Ec/N0	Checked that this IE is absent
- CPICH RSCP	Checked that this IE is present
- Pathloss	Checked that this IE is absent
Measured results on RACH	Checked that this IE is absent
Additional measured results	Checked that this IE is absent
Event results	Checked that this IE is absent

# Contents of PAGING TYPE 1 message: TM (Speech in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Conversational Call
- CN domain identity	CS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

# Contents of PAGING TYPE 1 message: TM (The others of speech in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Streaming Call
- CN domain identity	CS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

# Contents of PAGING TYPE 1 message: TM (Packet in PS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Interactive Call
- CN domain identity	PS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

# Contents of PAGING TYPE 1 message: TM (SMS in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	<u>CN identity</u>
- Paging cause	Terminating Low Priority Signalling
- CN domain identity	<u>CS domain</u>
- CHOICE UE identity	
<u>– IMSI (GSM-MAP)</u>	Set to the same octet string as in the IMSI stored in the
	TEST USIM card
BCCH modification info	Not Present

# Contents of PAGING TYPE 1 message: TM (SMS in PS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	<u>CN identity</u>
- Paging cause	Terminating Low Priority Signalling
- CN domain identity	PS domain
- CHOICE UE identity	
<u>– IMSI (GSM-MAP)</u>	Set to the same octet string as in the IMSI stored in the
	TEST USIM card
BCCH modification info	Not Present

# Contents of PAGING TYPE 2 message: AM (Speech in CS)

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Paging cause	Terminating Conversational Call
CN domain identity	<u>CS domain</u>
Paging record type identifier	Select the same type as in the IE "Initial UE Identity" in
	RRC CONNECTION REQUEST" message.

# Contents of PHYSICAL CHANNEL RECONFIGURATION message: AM or UM

Information Element	Condition	Value/remark
		Valuerionant
MCCCuge Type	Δ4 Δ5 Δ6	
RRC transaction identifier	714,710,710	Arbitrarily selects an integer between 0 and 3
Integrity check info		The presence of this IF is dependent on IXIT
integrity check into		statements in TS 34 123-2 If integrity
		protection is indicated to be active this IF is
		with the values of the sub IEs as stated
		below Else this IE and the sub-IEs are
		omitted.
- message authentication code		SS calculates the value of MAC-I for this
		message and writes to this IE.
- RRC message sequence number		SS provides the value of this IE, from its
		internal counter.
Integrity protection mode info		Not Present
Ciphering mode info		Not Present
Activation time	<u>A1, A2, A3,</u>	(256+CFN-(CFN MOD 8 + 8))MOD 256
	<u>A4</u>	
Activation time	<u>A5, A6</u>	Not Present
New U-RNTI		Not Present
New C-RNTI	<u>A1, A2, A3,</u>	Not Present
	<u>A4</u>	
New C-RNTI	<u>A5, A6</u>	<u>'1010 1010 1010 1010'</u>
New DSCH-RNTI	<u>A1, A2, A3,</u>	Not Present
	<u>A4, A5, A6</u>	
RRC State indicator	<u>A1, A2, A3,</u>	CELL_DCH
	<u>A4</u>	
RRC State indicator	<u>A5, A6</u>	CELL_FACH
UTRAN DRX cycle length coefficient	<u>A1, A2, A3,</u>	Not Present
	<u>A4, A5, A6</u>	
CN information info		Not Present
URA identity		Not Present
Downlink counter synchronisation info		Not Present
Frequency info		
- UARFCN uplink (Nu)		Reference to clause 5.1 Test frequencies
- UARFCN downlink (Nd)		Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power		<u>33dBm</u>
CHOICE channel requirement	<u>A5, A6</u>	Not Present
CHOICE channel requirement	<u>A1, A2, A3,</u>	Uplink DPCH info
	<u>A4</u>	
- Uplink DPCH power control info		
<u>- DPCCH power offset</u>		<u>-6dB</u>
<u>- PC Preamble</u>		<u>1 frame</u>
<u>- SRB delay</u>		<u>/ frames</u>
- Power Control Algorithm		
<u> </u>		
- Scrambling code number		<u>LUIU</u> 0 (0 to 16777215)
		$\frac{0.000010111210}{10000000000000000000000000$
		Reference to TS34 108 clause 6 10
		Parameter Set
- TECL existence		Reference to TS3/ 108 clause 6 10
		Parameter Set
- Number of FBI bit		Reference to TS34 108 clause 6 10
		Parameter Set
- Puncturing Limit		Reference to TS34 108 clause 6 10
		Parameter Set
CHOICE Mode	A1, A2, A3	FDD
	A4, A5, A6	<u></u>
- Downlink PDSCH information	2.1,70,70	Not Present
Downlink information common for all radio links	A1, A2, A3	
- Downlink DPCH info common for all RL	, //2, //0	
- Timing indicator		Maintain
- CFN-targetSFN frame offset		Not Present
- Downlink DPCH power control information		
- DPC mode		0 (single)

Information Element	Condition	Value/remark
- CHOICE mode		FDD
- Power offset Print papel		
- DL rate matching restriction information		Not Present
- Spreading factor		Reference to TS34 108 clause 6 10
		Parameter Set
Eived or Elevible Desition		Peteropoe to TS24 109 elevice 6 10
		Reference to 1334.100 clause 0.10
		Parameter Set
- IFCI existence		Reference to 1534.108 clause 6.10
		Parameter Set
- CHOICE SF		Reference to 1534.108 clause 6.10
		Parameter Set
<ul> <li>DPCH compressed mode info</li> </ul>		Not Present
<ul> <li>TX Diversity mode</li> </ul>		None
<ul> <li>SSDT information</li> </ul>		Not Present
<ul> <li>Default DPCH Offset Value</li> </ul>		Not Present
Downlink information common for all radio links	A4	
- Downlink DPCH info common for all RL		
- Timing indicator		Initialise
- CFN-targetSFN frame offset		Not Present
- Downlink DPCH power control information		
- DPC mode		0 (single)
- CHOICE mode		EDD
- Power offset Processor		
<u> </u>		U Not Present
- DL Tale matching festion information		Not Flesenic Deference to TC24 400 eleves 0.40
- Spreading factor		Reference to 1534.108 clause 6.10
Final on Florible Desilier		Parameter Set
- Fixed of Flexible Position		Reference to 1534.108 clause 6.10
		Parameter Set
- IFCI existence		Reference to TS34.108 clause 6.10
		Parameter Set
- CHOICE SF		Reference to TS34.108 clause 6.10
		Parameter Set
<ul> <li>DPCH compressed mode info</li> </ul>		Not Present
- TX Diversity mode		None
- SSDT information		Not Present
- Default DPCH Offset Value		Arbitrary set to value 0306688 by step of
		512
Downlink information common for all radio links	A5 A6	Not Present
Downlink information for each radio links	Δ1	
Downlink information for each radio links		
Choice made	<u>AZ,A3,A4</u>	EDD
- Choice mode		
<u>- Primary CPICH Inio</u>		Def. to the Defectly entire in TOO4 400 sloves
- Primary scrambling code		Ref. to the Default setting in 1534.108 clause
		<u>6.1 (FDD)</u>
- PDSCH with SHO DCH info		Not Present
<ul> <li>PDSCH code mapping</li> </ul>		Not Present
<ul> <li>Downlink DPCH info for each RL</li> </ul>		
<u>- CHOICE mode</u>		FDD
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>		Primary CPICH may be used
- DPCH frame offset		Set to value : Default DPCH Offset Value
		mod 38400
- Power offset Peilot-DPDCH		0
- Secondary CPICH info		Not Present
- DL channelisation code		
- Secondary scrambling code		5
- Spreading factor		✓ Reference to TS34 108 clause 6 10
		Parameter Set
Codo numbor		
<u> </u>		⊻ No change
- Scrampling code change		
- IPC combination index		
- SSDT Cell Identity		Not Present
<ul> <li>Closed loop timing adjustment mode</li> </ul>		Not Present
<ul> <li>SCCPCH information for FACH</li> </ul>		Not Present
<ul> <li>Downlink information for each radio link</li> </ul>	<u>A5</u>	
- Choice mode		FDD
- Primary CPICH info		
- Primary scrambling code		Ref. to the Default setting in TS34.108 clause

Information Element	<b>Condition</b>	Value/remark
		<u>6.1 (FDD)</u>
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		Not Present
- SCCPCH Information for FACH		Not Present
- Downlink information for each radio link	<u>A6</u>	Not Present

<b>Condition</b>	Explanation
<u>A1</u>	This IE need for "Non speech in CS"
<u>A2</u>	This IE need for "Speech in CS"
A3	This IE need for "Packet to CELL DCH from CELL DCH in PS"
<u>A4</u>	This IE need for "Packet to CELL_DCH from CELL_FACH in PS"
<u>A5</u>	This IE need for "Packet to CELL_FACH from CELL_DCH in PS"
A6	This IE need for "Packet to CELL_FACH from CELL_FACH in PS"

# Contents of PHYSICAL CHANNEL RECONFIGURATION COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if it's set to identical value of the same IE
	in the downlink PHYSICAL CHANNEL
	RECONFIGURATION message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
- Message authentication code	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
- RRC Message seguence number	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked
CHOICE mode	FDD
COUNT-C activation time	The UE shall include this IE if the following two conditions
	are fulfilled: (a) The PHYSICAL CHANNEL
	RECONFIGURATION message did not contain the IE
	"Ciphering activation time for DPCH" and (b) The
	PHYSICAL CHANNEL RECONFIGURATION message
	established the first RB(s) mapped to RLC-TM for a CN
	domain or released the last RB(s) mapped to RLC-TM for
	a CN domain. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

# Contents of PHYSICAL CHANNEL RECONFIGURATION FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identitifer	Checked to see if it is set to identical value of the same IE
	in the downlink PHYSICAL CHANNEL
	RECONFIGURATION message.
Integrity check info	The presence if this IE is dependent on IXIT statements in
	TS 34.123-2. if integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Checked to see if it meets test requirement

Contents of RADIO BEARER SETUP message: AM or UM (Speech in CS)

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 30
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
- message authentication code	SS calculates the value of MAC-I for this message and
	writes to this IE.
- RRC message sequence number	SS provides the value of this IE. from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	Not Present <del>The presence of this IE is dependent on IXIT</del>
	statements in TS 34.123-2. If ciphering is indicated to be
	active this IF present with the values of the sub IFs as
	stated below Else this IF is omitted
	Start/restart
- Ciphering algorithm	Use one of the supported ciphering algorithms
- Ciphering activation time for DPCH	(256+CEN-(CEN MOD 8 + 8))MOD 256
	Not Present
info	
Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
New U-RNTI	Not Present
New C-RNTI	Not Present
New DSCH-RNTI	Not Present
RRC State indicator	CELL_DCH
UTRAN DRX cycle length coefficient	Not Present
CN information info	Not Present
URA identity	Not Present
Signalling RB information to setup list	Not Present
RAB information for setup list	
- RAB information for setup	
- RAB info	
- RAB identity	0000 0001B
- CN domain identity	CS domain
<ul> <li>NAS Synchronization Indicator</li> </ul>	Not Present
<ul> <li>Re-establishment timer</li> </ul>	UseT314
- RB information to setup	
- RB identity	10
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	TM RLC
- Transmission RLC discard	Not Present
- Segmentation indication	FALSE
- CHOICE Downlink RLC mode	TM RLC
- Segmentation indication	FALSE
- RB mapping info	

I

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Information Element	Value/remark	
- Information for each multiplexing option		
- RLC logical channel mapping indicator	Not Present	
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1	
<ul> <li>Uplink transport channel type</li> </ul>	DCH	
<ul> <li>UL Transport channel identity</li> </ul>	1	
<ul> <li>Logical channel identity</li> </ul>	Not Present	
- CHOICE RLC size list	Configured	
- MAC logical channel priority	4 <u>7</u>	
- Downlink RLC logical channel info		
- Number of downlink RLC logical channels		
- Downlink transport channel type		
- DL DCH Transport channel identity	0 Not Present	
- DE DOGIT Transport charmen dentity	Not Present	
- RB identity	11	
- PDCP info	Not Present	
- CHOICE RLC info type	RLC info	
- CHOICE Uplink RLC mode	TM RLC	
- Transmission RLC discard	Not Present	
- Segmentation indication	FALSE	
- CHOICE Downlink RLC mode	TM RLC	
<ul> <li>Segmentation indication</li> </ul>	FALSE	
- RB mapping info		
<ul> <li>Information for each multiplexing option</li> </ul>		
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present	
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1	
- Uplink transport channel type	DCH	
- UL Transport channel identity	2	
- Logical channel identity	Not Present	
- CHOICE RLC size list	Configured	
- MAC logical channel priority	+ <u>/</u>	
- DOWNINK RLC IOgical channel into	1	
- Downlink transport channel type		
- DL DCH Transport channel identity	7	
- DL DSCH Transport channel identity	Not Present	
- Logical channel identity	Not Present	
- RB identity	12	
- PDCP info	Not Present	
- CHOICE RLC info type	RLC info	
- CHOICE Uplink RLC mode	TM RLC	
- Transmission RLC discard	Not Present	
<ul> <li>Segmentation indication</li> </ul>	FALSE	
- CHOICE Downlink RLC mode	TM RLC	
- Segmentation indication	FALSE	
- RB mapping info		
- Information for each multiplexing option	Net Descent	
- KLC logical channel mapping indicator		
- Number of uplink RLC logical channels		
- UII Transport channel identity		
- Logical channel identity	Not Present	
- CHOICE RI C size list	Configured	
- MAC logical channel priority	47	
- Downlink RLC logical channel info		
- Number of downlink RLC logical channels	1	
- Downlink transport channel type	DCH	
- DL DCH Transport channel identity	8	
- DL DSCH Transport channel identity	Not Present	
- Logical channel identity	Not Present	
RB information to be affected list	Not Present	
Downlink counter synchronisation info	Not Present	
UL I ransport channel information for all transport		
channels		
- PKAUH IFUS		

Information Element	Value/remark
- CHOICE TECL signalling	Normal
	Noma
- CHOICE TECS representation	Complete reconfiguration
<ul> <li>TFCS complete reconfigure information</li> </ul>	
- CHOICE CTFC Size	
- CTFC information	This IE is repeated for TFC numbers and reference to
	TS34,108 clause 6,10,2,4
- CTEC	Reference to TS34 108 clause 6 10 2 4 Parameter Set
- Power offset information	
	Computed Cain Factors/The last TEC is set to Signalled
	Computed Gain Factors (The last TFC is set to Signalied
	Gain Factors)
- Gain factor pc	11 (Delow 64 KDPS)
	9 (higher than 64 kbps)
	(Not Present if the above is set to Computed Gain
	Factors)
- Gain factor βd	15
	(Not Present if the above is set to Computed Gain
	Factors)
- Reference TEC ID	
- Power offset P p-m	Not Present
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	3 DCHs added, 1 DCH reconfigured
<ul> <li>Added or Reconfigured UL TrCH information</li> </ul>	
<ul> <li>Uplink transport channel type</li> </ul>	DCH
- UL Transport channel identity	1
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	
	Reference to TS3/ 108 clause 6 10 Parameter Set
Number of TPs and TTL List	(This IE is reported for TEL number.)
	(This is is repeated for TFT humber.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to 1S34.108 clause 6.10 Parameter Set
- CHOICE Logical Channel list	All
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set
- Rate matching attribute	Reference to TS34.108 clause 6.10 Parameter Set
- CRC size	Reference to TS34,108 clause 6,10 Parameter Set
- Unlink transport channel type	DCH
- III Transport channel identity	2
	2
CHOICE Transport shannel type	Dedicated transport channels
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	
- RLC Size	Reference to 1534.108 clause 6.10 Parameter Set
- Number of TBs and TTT List	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present
<ul> <li>Number of Transport blocks</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Transmission Time Interval</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Number of Transport blocks</li> </ul>	(This IE is repeated for TFI number.)
- CHOICE Logical Channel list	Â
- Semi-static Transport Format information	
- Transmission time interval	Reference to TS34 108 clause 6 10 Parameter Set
- Type of channel coding	Reference to TS3/ 108 clause 6 10 Parameter Set
Coding Poto	Reference to TS34 108 clause 6 10 Parameter Set
Poto motobing attribute	Potoronoo to TS24 100 clause 0.10 Faidilleter Set
	Reference to TO34.100 clause 0.10 Parameter Set
- UKU SIZE	Reference to 1534.108 clause 6.10 Parameter Set
- Uplink transport channel type	DCH
- UL Transport channel identity	3
- TFS	
<ul> <li>CHOICE Transport channel type</li> </ul>	Dedicated transport channels
- Dynamic Transport format information	
- RLC Size	Reference to TS34.108 clause 6.10 Parameter Set
- Number of TBs and TTI List	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present

Information Element	Value/remark
- Number of Transport blocks	Reference to TS34.108 clause 6.10 Parameter Set
- Transmission Time Interval	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Number of Transport blocks</li> </ul>	(This IE is repeated for TFI number.)
- CHOICE Logical Channel list	ÂI
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	Reference to TS34.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set
- Rate matching attribute	Reference to TS34.108 clause 6.10 Parameter Set
- CRC size	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Uplink transport channel type</li> </ul>	<u>DCH</u>
- UL Transport channel identity	<u>5</u>
<u>- TFS</u>	
<ul> <li><u>- CHOICE Transport channel type</u></li> </ul>	Dedicated transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
<u> </u>	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Number of TBs and TTI List</li> </ul>	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present
<ul> <li>Number of Transport blocks</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- Transmission Time Interval	Reference to TS34.108 clause 6.10 Parameter Set
- Number of Transport blocks	(This IE is repeated for TFI number.)
- CHOICE Logical Channel list	All
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	Reference to TS34.108 clause 6.10 Parameter Set
<u>- Type of channel coding</u>	Reference to TS34.108 clause 6.10 Parameter Set
<u> </u>	Reference to TS34.108 clause 6.10 Parameter Set
- Rate matching attribute	Reference to TS34.108 clause 6.10 Parameter Set
	Reference to TS34.108 clause 6.10 Parameter Set
	FDD Nat Descent
- CPCH set ID	Not Present
- Added or Reconfigured TrCH Information for DRAC	Not Present
IIST DL Transport channel information common for all	
DL Transport channel information common for all	
	Net Present
- SUCPUT IFUS	
- CHOICE DL parameters	Same as UL
Added or Reconfigured TrCH information list	
Added or Reconfigured DL TrCH information	
- Downlink transport channel type	рен
- DU Transport channel identity	6
- CHOICE DL parameters	0 Same as III
- Unlink transport channel type	DCH
- UI TrCH identity	1
- DCH quality target	
- BLER Quality value	_2 0_ <b>6 3</b>
- Transparent mode signalling info	Not Present
- Downlink transport channel type	DCH
- DL Transport channel identity	7
- CHOICE DL parameters	Same as UL
- Uplink transport channel type	DCH
- UL TrCH identity	2
- DCH quality target	
- BLER Quality value	Not Present
- Transparent mode signalling info	Not Present
- Downlink transport channel type	DCH
- DL Transport channel identity	8
- CHOICE DL parameters	Same as UL
- Uplink transport channel type	DCH
- UL TrCH identity	3
- DCH quality target	
- BLER Quality value	Not Present
- Transparent mode signalling info	Not Present
- Downlink transport channel type	DCH
- DL Transport channel identity	<u>10</u>
- CHOICE DL parameters	Same as UL

Information Element	Value/remark
- Uplink transport channel type	DCH
- UL TrCH identity	5
- DCH quality target	
- BLER Quality value	<u>-2.0</u>
- Transparent mode signalling info	Not Present
Frequency info	Not Present
	Reference to clause 5.1 Test frequencies
	Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	33dBm
CHOICE channel requirement	Uplink DPCH info
- Uplink DPCH power control info	
- DPCCH power offset	-6dB
- PC Preamble	1 frame
- SRB delay	7 frames
- Power Control Algorithm	Algorithm1
- TPC step size	10B
- Scrambling code type	Long
- Scrambling code number	0 (0 10 10777215)
- Nulliber of DPDCH	Not Present(1) Reference to TS24 109 clause 6 10 Decemeter Set
	Reference to TS34 108 clause 6 10 Parameter Set
- Number of FBI bit	Reference to TS34 108 clause 6 10 Parameter Set
- Puncturing Limit	Reference to TS34 108 clause 6 10 Parameter Set
CHOICE Mode	
- Downlink PDSCH information	Not Present
Downlink information common for all radio links	
- Downlink DPCH info common for all RL	
- Timing indicator	Maintain
- CFN-targetSFN frame offset	Not Present
- Downlink DPCH power control information	
- DPC mode	0 (single)
- CHOICE mode	FDD
- Power offset P <sub>Pilot-DPDCH</sub>	0
- DL rate matching restriction information	Not Present
- Spreading factor	Reference to 1S34.108 clause 6.10 Parameter Set
- Fixed or Flexible Position	Reference to 1534.108 clause 6.10 Parameter Set
	Reference to 1534.108 clause 6.10 Parameter Set
- CHUICE SF	Net Present
- DFCH complessed mode into	None
- SSDT information	Not Present
- Default DPCH Offset Value	Not Present
Downlink information for each radio link list	
- Downlink information for each radio link	
- Choice mode	FDD
- Primary CPICH info	
- Primary scrambling code	Reference to clause 6.1 "Default settings (FDD)"
- PDSCH with SHO DCH info	Not Present
- PDSCH code mapping	Not Present
- Downlink DPCH info for each RL	
- Primary CPICH usage for channel estimation	Primary CPICH may be used
- DPCH trame offset	0 chips
- Secondary CPICH into	Not Present
- DL channelisation code	1
- Secondary scrambling code	I   Deference to TS24 109 clause 6 10 Decemeter Set
- Opteaulity lactor	A CEREMENCE TO 1 334. 100 Clause 0. 10 Parameter Set
- Coue number - Scrambling code change	V No change
- TPC combination index	
- SSDT Cell Identity	Not Present
- Closed loop timing adjustment mode	Not Present
- SCCPCH information for FACH	Not Present

Contents of RADIO BEARER SETUP message: AM or UM (Packet to CELL\_DCH from CELL\_DCH in PS)

ſ	Information Element	Value/remark	
	Message Type		
	RRC transaction identifier	Arbitrarily selects an integer between 0 and 3	
	Integrity check info	The presence of this IE is dependent on IXIT statements	
		in TS 34.123-2. If integrity protection is indicated to be	
		active, this IE is present with the values of the sub IEs as	
		stated below. Else, this IE and the sub-IEs are omitted.	
	<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and	
		writes to this IE.	
	- RRC message sequence number	SS provides the value of this IE, from its internal counter.	
1	Integrity protection mode into	Not Present	
	Ciphening mode into	Not Present in TS 34 123-2. If ciphering is indicated to be	
		active this IE present with the values of the sub IEs as	
		stated below Else this IF is omitted	
		Start/restart	
		Use one of the supported ciphering algorithms	
		(256+CFN-(CFN MOD 8 + 8))MOD 256	
		Not Present	
	info		
	Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256	
		Not Present	
1		Not Present	
I	RRC State indicator		
	LITRAN DRX cycle length coefficient	Not Present	
	CN information info	Not Present	
	URA identity	Not Present	
	Signalling RB information to setup	Not Present	
	RAB information for setup		
	- RAB info		
	- RAB identity	0000 0101B	
	- CN domain identity	PS domain	
.	- NAS Synchronization Indicator	Not Present	
	- Re-establishment timer	USe1314 <u>USe1315</u>	
	- RB identity	20	
	- PDCP info	Not Present	
	- Support for lossless SRNS relocation	FALSE	
	- Max PDCP SN window size	Not present	
	- PDCP PDU header	Absent	
	- Header compression information	Not present	
	- CHOICE RLC info type	RLC info	
	- CHOICE Uplink RLC mode	AM RLC	
	- Transmission RLC discard	No discord May DAT retransmissions	
		154	
	- Timer MRW	104	
		4	
	- Transmission window size	1288	
	- Timer_RST	500	
	- Max_RST	4	
	- Polling info		
	- Timer_poll_prohibit	200	
	- limer_poli	200	
		Not Present	
	- Last transmission PDU poll	TRUE	
	- Last retransmission PDU poll	TRUE	
	- Poll Windows	99	
	- Timer_poll_periodic	Not Present	
•	- CHOICE Downlink RLC mode	AM RLC	
	- In-sequence delivery	TRUE	
	- Receiving window size	<u>12</u> 8	
	- Downlink RLC status info		
	- Timer_status_prohibit	200	

	Information Element	Value/remark	
1	- Timer EPC	Not Present <del>200</del>	
	- Missing PDU indicator	TRUE	
	- Timer STATUS periodic	Not Present	
•	- RB mapping info		
	- Information for each multiplexing option	2 RBMuxOptions	
	- RLC logical channel mapping indicator	Not Present	
	<ul> <li>Number of uplink RLC logical channels</li> </ul>	1	
	<ul> <li>Uplink transport channel type</li> </ul>	DCH	
	<ul> <li>UL Transport channel identity</li> </ul>	1	
	<ul> <li>Logical channel identity</li> </ul>	Not Present	
	- CHOICE RLC size list	Configured	
	- MAC logical channel priority	4 <u>8</u>	
	- Downlink RLC logical channel info		
	- Number of downlink RLC logical channels		
	- Downlink transport channel type	DCH	
	- DL DCH Transport channel identity	0 Not Present	
	- DL DSCH Transport channel identity	Not Present	
	- Logical channel mapping indicator	Not Present	
	- Number of uplink PLC logical channels	1	
	- Unlink transport channel type	RACH	
	- UI Transport channel identity	Not Present	
	- Logical channel identity	7	
	- CHOICE RLC size list	Explicit List	
	- RLC size index	Reference to TS34.108 clause 6 Parameter Set	
	- MAC logical channel priority	<del>6</del> 8	
•	- Downlink RLC logical channel info		
	<ul> <li>Number of downlink RLC logical channels</li> </ul>	1	
	<ul> <li>Downlink transport channel type</li> </ul>	FACH	
	<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present	
	<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present	
	- Logical channel identity	7	
	RB information to be affected list	Not Present	
	Downlink counter synchronisation info	Not Present	
	OL Transport channel information for all transport		
		Not Propert	
	CHOICE mode		
		Not Present	
	- UL DCH TECS	Not riesent	
	- CHOICE TECI signalling	Normal	
	- TFCI Field 1 information		
	- CHOICE TFCS representation	Complete reconfiguration	
	- TFCS complete reconfigure information		
	- CHOICE CTFC Size		
	- CTFC information	This IE is repeated for TFC numbers and reference to	
		TS34.108 clause 6.10.2.4	
	- CTFC	Reference to TS34.108 clause 6.10.2.4 Parameter Set	
	<ul> <li>Power offset information</li> </ul>		
	- CHOICE Gain Factors	Computed Gain Factors(The last TFC is set to Signalled	
		Gain Factors)	
	- Gain factor βc	11 (below 64 kbps)	
		9 (nigher than 64 kbps)	
		(Not Present if the above is set to Computed Gain	
	- Gain factor Bd	15	
		Not Present if the above is set to Computed Gain	
		Factors)	
	- Reference TFC ID	0	
	- CHOICE mode	FDD	
	- Power offset P p-m	Not Present	
	Deleted TrCH information list	Not Present	
	Added or Reconfigured TrCH information list		
	- Added or Reconfigured UL TrCH information		
	<ul> <li>Uplink transport channel type</li> </ul>	DCH	
	- UL Transport channel identity	1	
	- TFS		

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Information Element	Value/remark	
- CHOICE Transport channel type	Dedicated transport channels	
- Dynamic Transport format information		
- BLC Size	Reference to TS34 108 clause 6 10 Parameter Set	
- Number of TBs and TTLL ist	(This IF is repeated for TEI number.)	
- Transmission Time Interval	Not Present	
Number of Trepepert blocks	Poteropoo to TS24 109 clouce 6 10 Decemptor Set	
- Number of Hansport blocks	All	
- CHOICE Logical Channel list	All	
- Semi-static Transport Format Information		
- Transmission time interval	Reference to 1534.108 clause 6.10 Parameter Set	
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set	
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set	
<ul> <li>Rate matching attribute</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set	
- CRC size	Reference to TS34.108 clause 6.10 Parameter Set	
CHOICE mode	FDD	
- CPCH set ID	Not Present	
- Added or Reconfigured TrCH information for	Not Present	
DRAC list		
DI Transport channel information common for all		
	Net Descent	
- SUCPUH IFUS	Not Present	
- CHOICE mode	FDD	
- CHOICE DL parameters	Explicit	
- DL DCH TFCS		
- CHOICE TFCI signalling	Normal	
- TFCI Field 1 information		
- CHOICE TFCS representation	Complete reconfiguration	
- TECS complete reconfigure	J	
- CHOICE CTEC Size		
- CTEC information	This IE is repeated for TEC numbers and reference to	
	TS24 109 clause 6 10 2 4	
CTEC	Poference to TS24.109 clause 6.10.2.4 Decemeter Set	
	Net accessed	
- Power onset information	Not present	
	Computed Gain Factors (The last TFC is set to Signalied	
	Gain Factors)	
	<del>11 (below 64 kbps)</del>	
	<del>9 (higher than 64 kbps)</del>	
	(Not Present if the above is set to Computed Gain	
	Factors)	
	<del>15</del>	
	(Not Present if the above is set to Computed Gain	
	Factors)	
	θ	
- Power offset P.o.m	Not Present	
Deleted TrCH information list	Not Present	
Added or Reconfigured TrCH information list		
- Added or Reconligured DL TrCH Information	DOLL	
- Downlink transport channel type		
- DL Transport channel identity	6	
- CHOICE DL parameters	Explicit	
- TFS		
<ul> <li>CHOICE Transport channel type</li> </ul>	Dedicated transport channels	
<ul> <li>Dynamic Transport format information</li> </ul>		
- RLC Size	Reference to TS34.108 clause 6.10 Parameter Set	
- Number of TBs and TTI List	(This IE is repeated for TFI number.)	
- Transmission Time Interval	Not Present	
- Number of Transport blocks	Reference to TS34,108 clause 6,10 Parameter Set	
- Semi-static Transport Format information		
- Transmission time interval	Reference to TS34 108 clause 6 10 Parameter Set	
- Type of channel coding	Reference to TS3/ 108 clause 6.10 Parameter Set	
- Type of channel couling - Coding Pate	Reference to TS3/ 109 clause 6.10 Parameter Set	
- Coulling Rate	Reference to TS24 400 clause 0.10 Parameter Set	
- Kate matching attribute	Reference to 1534.108 clause 6.10 Parameter Set	
	Reference to 1534.108 clause 6.10 Parameter Set	
- DCH quality target		
- BLER Quality value	<u>-2.0-6.3</u>	
- I ransparent mode signalling info	Not Present	
Frequency info	Not present	

Information Element	Value/remark		
	Reference to clause 5.1 Test frequencies		
	Reference to clause 5.1 Test frequencies		
Maximum allowed UL TX power	33dBm		
CHOICE channel requirement	Uplink DPCH info		
<ul> <li>Uplink DPCH power control info</li> </ul>			
- DPCCH power offset	-6dB		
- PC Preamble	1 frame		
- SRB delay	7 frames		
- Power Control Algorithm	Algorithm1		
- TPC step size	1dB		
- Scrambling code type	Long		
- Scrambling code number	0 (0 to 16777215)		
- Number of DPDCH	Not Present(1)		
- spreading factor	Reference to TS34.108 clause 6.10 Parameter Set		
- TFCI existence	Reference to TS34.108 clause 6.10 Parameter Set		
- Number of FBI bit	Reference to TS34.108 clause 6.10 Parameter Set		
- Puncturing Limit	Reference to TS34.108 clause 6.10 Parameter Set		
CHOICE Mode	FDD		
- Downlink PDSCH information	Not Present		
Downlink information common for all radio links			
- Downlink DPCH into common for all RL	<b></b>		
- Timing indicator	Maintain		
- CFN-targetSFN frame offset	Not Present		
- Downlink DPCH power control information			
- DPC mode	0 (single)		
- CHOICE mode	FDD		
- Power offset Ppilot-DPDCH	U Net Dress at		
- DL rate matching restriction information	Not Present Deference to TS24 408 eleves 6 40 Decemeter Set		
- Spreading factor	Reference to TS34.100 clause 6.10 Parameter Set		
	Reference to TS34.100 clause 6.10 Parameter Set		
	Reference to TS34.100 clause 6.10 Parameter Set		
- CHOICE SF - DPCH compressed mode info	Not Present		
- TX Diversity mode	Not Present		
- SSDT information	Not Present		
- Default DPCH Offset Value	Not Present		
Devalue Dr Onset value	Not i lesent		
- Downlink information for each radio link			
- Choice mode	FDD		
- Primary CPICH info	·		
- Primary scrambling code	Reference to clause 6.1 "Default settings (FDD)"		
- PDSCH with SHO DCH info	Not Present		
- PDSCH code mapping	Not Present		
- Downlink DPCH info for each RL			
- Primary CPICH usage for channel estimation	Primary CPICH may be used		
- DPCH frame offset	0 chips		
- Secondary CPICH info	Not Present		
- DL channelisation code			
- Secondary scrambling code	1		
- Spreading factor	Reference to TS34.108 clause 6.10 Parameter Set		
- Code number	0		
- Scrambling code change	No change		
- TPC combination index	0		
- SSDT Cell Identity	Not Present		
<ul> <li>Closed loop timing adjustment mode</li> </ul>	Not Present		
<ul> <li>SCCPCH information for FACH</li> </ul>	Not Present		

# Contents of RADIO BEARER SETUP message: AM or UM

Information Element	Condition	Value/remark
Message Type	A1, A4, A5,	
	A6, A7, A8	
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3
Integrity check info		The presence of this IE is dependent on IXIT
		statements in TS 34.123-2. If integrity
		protection is indicated to be active, this is is
		stated below Else this IF and the sub-IFs are
		omitted.
- message authentication code		SS calculates the value of MAC-I for this
		message and writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>		SS provides the value of this IE, from its
In the welf to prove the other second at the first		internal counter.
Integrity protection mode into		Not Present
		Not Fresent
Activation time	<u>A1, A4, A7,</u>	(256+CFN-(CFN MOD 8 + 8))MOD 256
	<u>A8</u>	
Activation time	<u>A5, A6</u>	Not Present
		Not Present
	A1, A4, A7,	NOL Present
New C-RNTI	<u>A0</u> A5 A6	'1010 1010 1010 1010'
New DSCH-RNTI	<u>A1 A4 A5</u>	Not Present
	A6, A7, A8	
RRC State indicator	A1,	CELL DCH
	A4, A7, A8	
RRC State indicator	<u>A5, A6</u>	CELL_FACH
UTRAN DRX cycle length coefficient	<u>A1, A4, A5,</u>	Not Present
	<u>A6,A7,A8</u>	
<u>CN information info</u>		Not Present
URA Identity Signalling PR information to actum		Not Present
BAB information for setup	A1 A7	Not Present
- RAB info	<u>AL,AL</u>	
- RAB identity		0000 0001B
- CN domain identity		<u>CS domain</u>
<ul> <li>NAS Synchronization Indicator</li> </ul>		Not Present
<ul> <li>Re-establishment timer</li> </ul>		<u>useT315</u>
DD information to actum		
<u> </u>		10
- PDCP info		Not Present
- CHOICE RI C info type		RLC info
- CHOICE Uplink RLC mode		TM RLC
- Transmission RLC discard		Not Present
- Segmentation indication		FALSE
- CHOICE Downlink RLC mode		TMRLC
- Segmentation indication		FALSE
- RB mapping into		
- mormation for each multiplexing option		Not Present
- Number of uplink RI C logical channels		1
- Uplink transport channel type		БСН
- UL Transport channel identity		1
- Logical channel identity		Not Present
- CHOICE RLC size list		Configured
- MAC logical channel priority		1
Downlink RLC logical channel info		
- NUMBER OF GOWNINK RLC logical channels		
- DUMININK ITANSPORT CHANNEL LYPE		

Information Element	Condition	Value/remark
- DL DSCH Transport channel identity		Not Present
- Logical channel identity		Not Present
RAB information for setup	<u>A8</u>	
- RAB info		
- RAB identity		<u>0000 0001B</u>
- CN domain identity		<u>CS domain</u>
<ul> <li>NAS Synchronization Indicator</li> </ul>		Not Present
<ul> <li>Re-establishment timer</li> </ul>		<u>useT315</u>
- RB information to setup		
<u>- RB identity</u>		<u>10</u>
<u>- PDCP into</u>		Not Present
- CHOICE RLC into type		<u>RLC info</u>
- CHOICE Uplink RLC mode		IMRLC
- Transmission RLC discard		Not Present
- Segmentation Indication		TALSE
- CHOICE DOWNINK RLC III000		
- BB mapping info		FALSE
- Information for each multiplexing option		
- RLC logical channel mapping indicator		Not Present
- Number of unlink RI C logical channels		1
- Uplink transport channel type		ĎСН
- UL Transport channel identity		1
- Logical channel identity		→ Not Present
- CHOICE RLC size list		Configured
- MAC logical channel priority		7
- Downlink RLC logical channel info		-
- Number of downlink RLC logical channels		1
- Downlink transport channel type		DCH
- DL DCH Transport channel identity		6
- DL DSCH Transport channel identity		Not Present
<ul> <li>Logical channel identity</li> </ul>		Not Present
- RB identity		<u>11</u>
- PDCP info		Not Present
- CHOICE RLC info type		RLC info
- CHOICE Uplink RLC mode		TMRLC
- Transmission RLC discard		Not Present
- Segmentation indication		FALSE
- CHOICE Downlink RLC mode		
- Segmentation Indication		FALSE
- RB mapping into		
PLC logical channel manning indicator		Not Procent
- Number of uplink RLC logical channels		1
- Unlink transport channel type		
- III. Transport channel identity		2
- Logical channel identity		Example 2 Sector
- CHOICE RLC size list		Configured
- MAC logical channel priority		7
- Downlink RLC logical channel info		_
- Number of downlink RLC logical channels		1
- Downlink transport channel type		DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>		<u>7</u>
<ul> <li>DL DSCH Transport channel identity</li> </ul>		Not Present
<ul> <li>Logical channel identity</li> </ul>		Not Present
- RB identity		<u>12</u>
- PDCP info		Not Present
- CHOICE RLC info type		RLC info
- CHOICE Uplink RLC mode		IMRLC
- Iransmission RLC discard		Not Present
- Segmentation indication		<u>FALSE</u>
- CHUICE DOWNLINK RLC MODE		
- Segmentation Indication		FALSE
- KD IIIapping IIII0		
- mormation for each multiplexing option		Not Present
- Number of uplink RLC logical chappels		1
	l	1 📫

Information Element	Condition	Value/remark
- Uplink transport channel type		DCH
- UL Transport channel identity		3
- Logical channel identity		Not Present
- CHOICE RLC size list		Configured
<ul> <li>MAC logical channel priority</li> </ul>		<u>7</u>
<ul> <li>Downlink RLC logical channel info</li> </ul>		
- Number of downlink RLC logical channels		$\frac{1}{2}$
- Downlink transport channel type		DCH
- DL DCH Transport channel identity		8 Not Present
OLDSCH Transport channel identity		Not Present
RAB information for setup	A4 A5 A6	
- RAB info	<u>//+, //0, //0</u>	(AM DTCH for PS domain)
- RAB identity		0000 0101B
- CN domain identity		PS domain
<ul> <li>NAS Synchronization Indicator</li> </ul>		Not Present
- Re-establishment timer		<u>useT315</u>
- KB information to setup		20
PDCP info		<u>20</u>
- FUCE IIIU		FALSE
- Max PDCP SN window size		Not present
- PDCP PDU beader		Absent
- Header compression information		Not present
- CHOICE RI C info type		RLC info
- CHOICE Uplink RLC mode		AM RLC
- Transmission RLC discard		
- CHOICE SDU discard mode		No Discard
<u>- MAX_DAT</u>		<u>15</u>
The second science units down where		100
- I ransmission window size		128
		<u>300</u>
- Polling info		4
- Timer poll prohibit		200
- Timer poll		200
- Poll_PDU		Not Present
- Poll SDU		1
<ul> <li>Last transmission PDU poll</li> </ul>		TRUE
<ul> <li>Last retransmission PDU poll</li> </ul>		TRUE
<u> </u>		<u>99</u>
- Timer_poll_periodic		Not Present
- CHOICE Downlink RLC mode		AMRLC
- In-sequence delivery		
<u> </u>		120
- Timer status probibit		200
- Timer_FPC		Not Present
- Missing PDU indicator		TRUE
- Timer_STATUS_periodic		Not Present
- RB mapping info		
<ul> <li>Information for each multiplexing option</li> </ul>		2 RBMuxOptions
<ul> <li>RLC logical channel mapping indicator</li> </ul>		Not Present
- Number of uplink RLC logical channels		$\frac{1}{2}$
- Uplink transport channel type		
- UL I ransport channel identity		L Not Drocont
		Configured
- MAC logical channel priority		
- Downlink RLC logical channel info		
- Number of downlink RI C logical channels		1
- Downlink transport channel type		рсн
- DL DCH Transport channel identity		6
- DL DSCH Transport channel identity		Not Present
- Logical channel identity		Not Present

Information Element	Condition	Value/remark
- RLC logical channel mapping indicator		Not Present
- Number of uplink RLC logical channels		1
<ul> <li>Uplink transport channel type</li> </ul>		RACH
<ul> <li>UL Transport channel identity</li> </ul>		Not Present
<ul> <li>Logical channel identity</li> </ul>		<u>7</u>
- CHOICE RLC size list		Explicit list
- RLC size index		Reference to TS34.108 clause 6 Parameter
		Set
- MAC logical channel priority		8
- Downlink RLC logical channel Into		4
- Number of downlink RLC logical channels		
- DU DCH Transport channel identity		Not Present
- DL DSCH Transport channel identity		Not Present
- Logical channel identity		7
RB information to be affected	A1, A4, A5,	Not Present
	A6,A7,A8	
Downlink counter synchronisation info	A1, A4, A5,	Not Present
	A6,A7,A8	
UL Transport channel information for all transport	A1,A4,A7,	
<u>channels</u>	<u>A8</u>	
- PRACH TFCS		Not Present
- CHOICE mode		FDD
<u>- TFC subset</u>		Not Present
- UL DCH TFCS		
- CHOICE IFCI signalling		<u>ivormai</u>
CHOICE TECS representation		Complete reconfiguration
- TECS complete reconfigure information		<u>Complete reconfiguration</u>
- CHOICE CTEC Size		Number of hits used must be enough to cover
		all combinations of CTEC from TS34 108
		clause 6.10.2.4 Parameter Set.
- CTFC information		This IE is repeated for TFC numbers and
		reference to TS34.108 clause 6.10.2.4
		Parameter Set
<u> </u>		Reference to TS34.108 clause 6.10.2.4
		Parameter Set
- Power offset information		
- CHOICE Gain Factors		Computed Gain Factors(The last TFC is set to
		Signalled Gain Factors)
- Gain factor <u>BC</u>		<u>11 (below 64 kbps)</u>
		9 (nigher than 64 kbps) (Not Present II the
		Gain Factors)
- Gain factor ßd		15
		Not Present if the CHOICE Gain Factors is set
		to Computed Gain Factors)
- Reference TFC ID		0
- CHOICE mode		FDD
- Power offset P p-m		Not Present
UL Transport channel information for all transport	<u>A5, A6</u>	Not Present
<u>channels</u>		
- PRACH TECS		
- CHOICE mode		
Deleted UL TrCH information	A1 A4 A5	Not Present
	A6.A7.A8	
Added or Reconfigured UL TrCH information	A1	
- Uplink transport channel type		DCH
- UL Transport channel identity		1
<u>- TFS</u>		
- CHOICE Transport channel type		Dedicated transport channels
Dynamic Transport format information		
- RLU SIZE		Reference to 1534.108 clause 6.10 Parameter
- Number of TBs and TTI List		(This IE is repeated for TFI number.)

Information Element	Condition	Value/remark
	Condition	value/remark
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
<ul> <li>Transmission time interval</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
- CRC size		Reference to TS34.108 clause 6.10 Parameter
		Set
Added or Reconfigured UL TrCH information	A4,A7	2 TrCHs(DCH for DCCH and DCH for DTCH)
- Uplink transport channel type		DCH
- UL Transport channel identity		5
- TES		<u> </u>
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		<u>Dedibated transport enaminolo</u>
		Peterence to TS34 108 clause 6 10 Parameter
- 1120 0120		Sot
Number of TPs and TTL List		<u>Set</u> (This IE is reported for TEL number.)
		(This IE is repeated for TFT humber.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to 1534.108 clause 6.10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<u>- CRC size</u>		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Uplink transport channel type</li> </ul>		DCH
<ul> <li>UL Transport channel identity</li> </ul>		1
<u>- TFS</u>		
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		
- RLC Size		Reference to TS34.108 clause 6.10 Parameter
		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34 108 clause 6 10 Parameter
		Set
- Type of channel coding		Reference to TS34 108 clause 6 10 Parameter
		Set
- Coding Rate		Reference to TS34 108 clause 6 10 Parameter
		Set
Poto motobing attribute		Beforence to TS24 109 clause 6 10 Decemptor
		Reference to 1354.100 clause 0.10 Falameter
CPC size		Deference to TS24.409 clouise 0.40 Devert
- UKU SIZE		Reference to 1534.108 clause 6.10 Parameter
Added or Reconfigured UL TrCH information	<u>A8</u>	4 TrCHS(DCH for DCCH and 3DCHs for
- Uplink transport channel type		
- UL Transport channel identity		<u>5</u>
<u>- TFS</u>	1	

Information Element	Condition	Value/remark
- CHOICE Transport channel type	oundition	Dedicated transport channels
- Dynamic Transport format information		Dedicated transport charmels
- RLC Size		Reference to TS34 108 clause 6 10 Parameter
		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
<u> </u>		Reference to TS34.108 clause 6.10 Parameter
		Set
<u>- Uplink transport channel type</u>		
- UL Transport channel identity		1
		Dedicated transport sharpeds
<u>- CHOICE Transport channel type</u>		Dedicated transport channels
		Poteroneo to TS24 108 clause 6 10 Parameter
- KLO 5/26		Sot
- Number of TBs and TTLList		(This IF is repeated for TEL number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34 108 clause 6 10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		_
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
<u> </u>		Reference to TS34.108 clause 6.10 Parameter
		Set
- Uplink transport channel type		
		∠
<u>- IFS</u> CHOICE Transport abapted type		Dedicated transport channels
- Dynamic Transport format information		
- RIC Size		Reference to TS34 108 clause 6 10 Parameter
		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE Logical Channel list		All
<ul> <li>Semi-static Transport Format information</li> </ul>		
<ul> <li>Transmission time interval</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Coding Rate		Reterence to TS34.108 clause 6.10 Parameter
		Set
- Rate matching attribute		Reference to 1534.108 clause 6.10 Parameter
		Reference to 1534.108 clause 6.10 Parameter
Liplink transport sharped to be		
- Uplink transport channel type	I	

Information Element	Condition	Value/remark
LIL Transport channel identity	oonantion	2
		2
CHOICE Transport channel type		Dedicated transport channels
<u>- Choice Transport Grantine type</u>		Dedicated transport channels
		Beforence to TS24 108 cloures 6 10 Decemptor
- RLC SIZE		Reference to 1334.100 clause 0.10 Parameter
Number of TDs and TTL List		<u>Sel</u> (This IF is repeated for TFL number)
		(This IE is repeated for TFT humber.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to 1S34.108 clause 6.10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
<ul> <li>I ransmission time interval</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- CRC size		Reference to TS34.108 clause 6.10 Parameter
		Set
CHOICE mode		FDD
- CPCH set ID		Not Present
- Added or Reconfigured TrCH information for		Not Present
Added or Reconfigured LIL TrCH information	A5 A6	Not Present
	A1 A4 AF	
	<u>A1, A4, A5,</u>	
	<u>A6,A7,A8</u>	
- CPCH set ID Added on December 2011		Not Present
- Added or Reconfigured TrCH		Not Present
Information for DRAC list		
DL Transport channel information common for all	<u>A1,A7,A8</u>	
transport channel		
<u>- SCCPCH TFCS</u>		Not Present
<u>- CHOICE mode</u>		FDD
- CHOICE DL parameters		<u>SameasUL</u>
DL Transport channel information common for all	<u>A4</u>	
transport channel		
- SCCPCH TFCS		Not Present
- CHOICE mode		FDD
- CHOICE DL parameters		Explicit
- DL DCH TFCS		
- CHOICE TFCI Signalling		Normal
- TFCI Field 1 Information		
- CHOICE TFCS representation		Complete reconfiguration
- TECS complete reconfigure		
- CHOICE CTEC Size		Number of bits used must be enough to cover
		all combinations of CTEC from clause
		TS34 108 clause 6 10 2 4 Parameter Set
- CTEC information		This IE is repeated for TEC numbers and
		reference to TS34 108 clause 6 10 2 4
- CTEC		Reference to TS3/ 108 clause 6 10 2 /
		Parameter Set
Power offect information		Not Procent
DL Transport shannel information common for all		Not Present
	<u>A3, A0</u>	<u>INOL Present</u>
- CHOICE DL parameters		
Deleted DL TrCH information	<u>A1, A4, A5,</u>	Not Present
	<u>A6,A7,A8</u>	
Added or Reconfigured DL TrCH information	<u>A1</u>	
<ul> <li>Downlink transport channel type</li> </ul>		DCH
<ul> <li>DL Transport channel identity</li> </ul>		<u>6</u>
- CHOICE DL parameters		Same as UL

Information Element	Condition	Value/remark
- Uplink transport channel type		DCH
- UL TrCH identity		1
- DCH quality target		-
- BLER Quality value		-2.0
- Transparent mode signalling info		Not Present
Added or Reconfigured DL TrCH information	A4.A7	2 TrCHs(DCH for DCCH and DCH for DTCH)
- Downlink transport channel type	<u>,</u>	DCH
- DL Transport channel identity		10
- CHOICE DL parameters		Same as UL
- Uplink transport channel type		DCH
- UL TrCH identity		5
- DCH quality target		<u> </u>
- BLER Quality value		Not Present
- Transparent mode signalling info		Not Present
- Downlink transport channel type		DCH
- DL Transport channel identity		6
- CHOICE DL parameters		Explicit
- TES		
- CHOICE Transport channel type		Dedicated transport channel
- Dynamic transport format information		
- RLC Size		Reference to TS34 108 clause 6 10 Parameter
		Set
- Number of TBs and TTLList		(This IF is repeated for TFL number.)
- Dynamic transport format information		(This is is repeated for in thanbelly
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34 108 clause 6 10 Parameter
		Sot
Somi static Transport Format information		
- Transmission time interval		Peterence to TS34 108 clause 6 10 Parameter
		Set
- Type of channel coding		Beference to TS34 108 clause 6 10 Parameter
		Set
- Coding Pate		Beference to TS34 108 clause 6 10 Parameter
		Sot
- Pate matching attribute		Beference to TS34 108 clause 6 10 Parameter
		Sot
- CPC size		Beference to TS34 108 clause 6 10 Parameter
		Sot
- DCH quality target		
- BLER Quality value		-2.0
- Transparent mode signalling info		Not Present
Added or Reconfigured DL TrCH information	A8	4 TrCHs(DCH for DCCH and 3DCHs for
<u>Addod of Roconligated DE Hoff information</u>	<u>/</u>	DTCH)
- Downlink transport channel type		DCH
- DL Transport channel identity		10
- CHOICE DL parameters		Same as UL
- Uplink transport channel type		DCH
- UL TrCH identity		5
- DCH quality target		-
- BLER Quality value		Not Present
- Transparent mode signalling info		Not Present
- Downlink transport channel type		DCH
- DL Transport channel identity		6
- CHOICE DL parameters		Explicit
- TFS		
- CHOICE Transport channel type		Dedicated transport channel
- Dynamic transport format information		
- RLC Size		Reference to TS34.108 clause 6.10 Parameter
		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Dynamic transport format information		
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		Set

Information Element	Condition	Value/remark
- Type of channel coding		Reference to TS34.108 clause 6.10 Parameter
- Coding Rate		Set Reference to TS34.108 clause 6.10 Parameter
- Rate matching attribute		Set Reference to TS34.108 clause 6.10 Parameter
- CRC size		Set Reference to TS34 108 clause 6 10 Parameter
		Set
- BLER Quality value		-2.0
- Transparent mode signalling info		Not Present
- Downlink transport channel type		DCH
- DL Transport channel identity		7
- CHOICE DL parameters		Explicit
- TFS		
- CHOICE Transport channel type		Dedicated transport channel
<ul> <li>Dynamic transport format information</li> </ul>		
- RLC Size		Reference to 1S34.108 clause 6.10 Parameter
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
<ul> <li><u>Dynamic transport format information</u></li> </ul>		
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to 1534.108 clause 6.10 Parameter
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34 108 clause 6 10 Parameter
		Set
- Type of channel coding		Reference to TS34.108 clause 6.10 Parameter
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
- Rate matching attribute		Reference to TS34.108 clause 6.10 Parameter
- CRC size		Sel Reference to TS34 108 clause 6 10 Parameter
		Set
<u>- DCH quality target</u>		
<u>BLER Quality value</u>		Not Present
- Transparent mode signaling mo     Downlink transport channel type		
- DL Transport channel identity		8
- CHOICE DL parameters		Explicit
- TFS		
- CHOICE Transport channel type		Dedicated transport channel
<ul> <li>Dynamic transport format information</li> </ul>		
- RLC Size		Reference to TS34.108 clause 6.10 Parameter
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Dynamic transport format information		Not Present
- Transmission Time Interval - Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Semi-static Transport Format information</li> </ul>		
- Transmission time interval		Reference to 1S34.108 clause 6.10 Parameter
- Type of channel coding		Reference to TS34.108 clause 6.10 Parameter
- Coding Rate		Set Reference to TS34.108 clause 6.10 Parameter
- Rate matching attribute		Set Reference to TS34.108 clause 6.10 Parameter
- CRC size		Set Reference to TS34.108 clause 6.10 Parameter
- DCH quality target		Set
- BLER Quality value		Not Present
- Transparent mode signalling info		Not Present
Added or Reconfigured DL TrCH information	A5, A6	Not Present
Frequency info	A1, A4, A5,	

Information Element	<b>Condition</b>	Value/remark
	<u>A6</u>	
<u>- UARFCN uplink (Nu)</u>		Reference to clause 5.1 Test frequencies
<u> </u>		Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	<u>A1, A4, A7,</u>	<u>33dBm</u>
	<u>A8</u>	
Maximum allowed UL TX power	<u>A5, A6</u>	Not Present
CHOICE channel requirement	<u>A1, A4, A7,</u>	Uplink DPCH info
Listich DDOLL according to a track of a	<u>A8</u>	
- Uplink DPCH power control Into     DDCCH power offect		6dD
PC Proamble		1 framo
- SRB delay		7 frames
- Power Control Algorithm		Algorithm1
- TPC step size		1dB
- Scrambling code type		Long
- Scrambling code number		<u>0 (0 to 16777215)</u>
- Number of DPDCH		Not Present(1)
<ul> <li>spreading factor</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
<u> </u>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Number of FBI bit		Reference to TS34.108 clause 6.10 Parameter
Duraturia e Limit		Set
<u>- Puncturing Limit</u>		Reference to 1534.108 clause 6.10 Parameter
		Sel
		EDD
	$\frac{A1, A4, A5}{\Delta 6 \Delta 7 \Delta 8}$	FDD
- Downlink PDSCH information	<u>A0,A1,A0</u>	Not Present
Downlink information common for all radio links	A1	
- Downlink DPCH info common for all RL	<u></u>	
- Timing indicator		Maintain
- CFN-targetSFN frame offset		Not Present
<ul> <li>Downlink DPCH power control information</li> </ul>		
<u> </u>		<u>0 (single)</u>
<u> </u>		FDD
<u>Power offset P<sub>Pilot-DPDCH</sub></u>		
- DL rate matching restriction information		Not Present
- Spreading factor		Reference to 1534.108 clause 6.10 Parameter
- Fixed or Flexible Position		Beference to TS3/ 108 clause 6 10 Parameter
		Set
- TFCI existence		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE SF		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE mode		FDD
<ul> <li>DPCH compressed mode info</li> </ul>		Not Present
- TX Diversity mode		None
- SSDT information		Not Present
<u>- Default DPCH Offset Value</u>		Not Present
Downlink Information common for all radio links	<u>A4,A7,A8</u>	
- Downlink DFCH into common for all RL		Maintain
- CEN-targetSEN frame offset		Not Present
- Downlink DPCH power control information		Norricsent
- DPC mode		0 (single)
- CHOICE mode		FDD
- Power offset P <sub>Pilot-DPDCH</sub>		
- DL rate matching restriction information		Not Present
- Spreading factor		Reference to TS34.108 clause 6.10 Parameter
		Set
- Fixed or Flexible Position		Reference to TS34.108 clause 6.10 Parameter
TEOL		Set
- IFCI existence		Reference to 1534.108 clause 6.10 Parameter
		Set Reference to TS34.108 clause 6.10 Parameter
		Reference to 1004.100 clause 0.10 Falailleter
Information Element	Condition	Value/remark
--	-----------------	---
		Set
<u>- CHOICE mode</u>		FDD
<u>- DPCH compressed mode info</u>		Not Present
- IX Diversity mode		Not Present
- Default DPCH Offset Value		Arbitrary set to value 0, 306688 by step of 512
Downlink information common for all radio links	A5.A6	Not Present
Downlink information for each radio link list	A1	
- Downlink information for each radio link		
- Choice mode		FDD
<u> </u>		
- Primary scrambling code		Ref. to the Default setting in 1S34.108 clause
- PDSCH with SHO DCH info		0.1 (FDD) Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		
- Primary CPICH usage for channel estimation		Primary CPICH may be used
- DPCH frame offset		0 chips
<ul> <li>Secondary CPICH info</li> </ul>		Not Present
<u>- DL channelisation code</u>		
- Secondary scrambling code		$\frac{1}{2}$
- Spreading factor		Reference to 1534.108 clause 6.10 Parameter
- Code number		
- Scrambling code change		v No change
- TPC combination index		
- SSDT Cell Identity		Not Present
- Closed loop timing adjustment mode		Not Present
<ul> <li>SCCPCH information for FACH</li> </ul>		Not Present
Downlink information for each radio link list	<u>A4,A7,A8</u>	
- Downlink information for each radio link		
- <u>Choice mode</u>		
- Primary scrambling code		Ref. to the Default setting in TS34 108 clause
		6.1 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>		Primary CPICH may be used
<u>- DPCH frame offset</u>		Set to value : Default DPCH Offset Value mod
		38400
- Secondary CPICH info		Not Present
- DL channelisation code		Not resent
- Secondary scrambling code		1
- Spreading factor		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Code number		<u>0</u>
<u>- Scrambling code change</u>		No change
- IPC combination index		
- <u>Closed loop timing adjustment mode</u>		Not Present
- SCCPCH information for FACH		Not Present
Downlink information for each radio link list	A5	
- Downlink information for each radio link		
- Choice mode		FDD
- Primary CPICH info		
Primary scrambling code		Ref. to the Default setting in TS34.108 clause
		6.1 (FDD)
- PDSCH with SHO DCH into		Not Present
- FDSCH code mapping		Not present
- SCCPCH information for FACH		Not Present
Downlink information for each radio link list	A6	
- Downlink information for each radio link	<u></u>	
- Choice mode		FDD

Information Element	<b>Condition</b>	Value/remark
- Primary CPICH info		
- Primary scrambling code		Different from the Default setting in TS34.108
		clause 6.1 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		Not present
- SCCPCH information for FACH		Not Present

Condition	Explanation
A1 A2 is defined in TS34.108 clause 9 in message "RADIO BEARER SETUP message: AM or UM (Speech in CS)".	This IE need for "Non speech to CELL DCH from CELL DCH in CS" This IE need for "Speech to CELL DCH from CELL DCH in CS"
A3 is defined in TS34.108 clause 9 in message "RADIO BEARER SETUP message: AM or UM (Packet to CELL DCH from CELL DCH in PS)".	This IE need for "Packet to CELL_DCH from CELL_DCH in PS"
A4 A5 A6 A7 A8	This IE need for "Packet to CELL DCH from CELL FACH in PS"This IE need for "Packet to CELL_FACH from CELL_DCH in PS"This IE need for "Packet to CELL FACH from CELL FACH in PS"This IE need for "Non speech to CELL_DCH from CELL_FACH in CS"This IE need for "Speech to CELL_DCH from CELL_FACH in CS"

### Contents of RADIO BEARER SETUP COMPLETE message: AM

Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
Integrity, chools info	The presence of this IF is dependent on IVIT statements
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
- Message authentication code	This IF is checked to see if it is present. The value is
motolage dationication obdo	compared against the XMAC-L value computed by SS
PPC Magagaga agguanga number	This IE is shocked to applif it is propert. The value is used
- RRC Message sequence number	hu CO to compute the VMAC Luclus
	by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked.
CHOICE mode	FDD
START	Not checked
COUNT-C activation time	The UE shall include this IE if the following two conditions
	are fulfilled: (a) The RADIO BEARER SETUP message
	did not contain the IE "Ciphering activation time for
	DPCH" and (b) The RADIO BEARER SETUP message
	established the first RB(s) mapped to RI C-TM for a CN
	domain or released the last RB(s) manned to RI C-TM for
	a CN domain. The presence of this IE depends on the
	following O (not arrest (a) There exists DD(a) means of the
	Tollowing 2 factors: (a) There exists RB(s) mapped to
	RLC-TM and (b) UE is transiting to CELL_DCH state after
	toilowing-2 factors: (a) - more exists KB(s) mapped to RLC-TM and (b) UE is transiting to CELL_DCH state after the RB establishment procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	RLC-TM and (b) UE is transiting to CELL_DCH state after the RB establishment procedure. Else, this IE is absent. If ciphering is not activated in RADIO BEARER SETUP
Radio bearer uplink ciphering activation time info	RLC-TM and (b) UE is transiting to CELL_DCH state after the RB establishment procedure. Else, this IE is absent. If ciphering is not activated in RADIO BEARER SETUP message, this IE must be absent. Else, SS checks this IE
Radio bearer uplink ciphering activation time info	RLC-TM and (b) UE is transiting to CELL_DCH state after the RB establishment procedure. Else, this IE is absent. If ciphering is not activated in RADIO BEARER SETUP message, this IE must be absent. Else, SS checks this IE for the presence of activation times of all ciphered uplink
Radio bearer uplink ciphering activation time info	RLC-TM and (b) UE is transiting to CELL_DCH state after the RB establishment procedure. Else, this IE is absent. If ciphering is not activated in RADIO BEARER SETUP message, this IE must be absent. Else, SS checks this IE for the presence of activation times of all ciphered uplink RLC-UM and RLC-AM RBs.
Radio bearer uplink ciphering activation time info Uplink counter synchronisation info	RLC-TM and (b) UE is transiting to CELL_DCH state after the RB establishment procedure. Else, this IE is absent. If ciphering is not activated in RADIO BEARER SETUP message, this IE must be absent. Else, SS checks this IE for the presence of activation times of all ciphered uplink RLC-UM and RLC-AM RBs. Not checked

# Contents of RADIO BEARER SETUP FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identitifer	Checked to see if it is set to identical value of the same IE
	in the downlink RADIO BEARER SETUP message.
Integrity check info	The presence if this IE is dependent on IXIT statements in
	TS 34.123-2. if integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Checked to see if it meets test requirement
Radio bearers for which reconfiguration would have	Not checked
succeeded	

# Contents of RADIO BEARER RECONFIGURATION message: AM or UM

Information Element	Condition	Value/remark
Message Type	A1,A2,A3,	
	A4,A5,A6	
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3
Integrity check info		tatements in TS 34 123-2. If integrity
		protection is indicated to be active, this IF is
		present with the values of the sub IEs as
		stated below. Else, this IE and the sub-IEs are
- message authentication code		omitted. SS calculates the value of MAC-I for this
PPC massage sequence number		message and writes to this IE.
- Kito message sequence number		internal counter.
Integrity protection mode info		Not Present
<u>Ciphering mode info</u>		Not Present
Activation time	<u>A1,A2,A3,</u> A4	(256+CFN-(CFN MOD 8 + 8))MOD 256
Activation time	A5,A6	Not Present
New U-RNTI		Not Present
New C-RNTI	<u>A1, A2, A3,</u>	Not Present
New C-RNTI	<u>A4.</u> A5 A6	'1010 1010 1010 1010'
New DSCH-RNTI	A1, A2, A3.	Not Present
	<u>A4, A5, A6</u>	
RRC State indicator	<u>A1, A2, A3,</u>	CELL_DCH
RRC State indicator	A5. A6	CELL FACH
UTRAN DRX cycle length coefficient	<u>A1,A2,A3,</u>	Not Present
CN information info	<u>A4,A5,A0</u>	Not Present
URA identity		Not Present
RAB information to reconfigure list		Not Present
RB information to reconfigure list	<u>A1</u>	TS25.331 specifies that "Although this IE is not
		always required, need is MP to align with
- RB information to reconfigure		(UM DCCH for RRC)
- RB identity		1
- PDCP info		Not Present
- PDCP SN info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for RRC)
- RB identity		2
- PDCP info		Not Present
- PDCP SN INIO - RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for NAS_DT High priority)
- RB identity		$\frac{3}{2}$
		Not Present
- RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for NAS_DT Low priority)
- RB laentity - PDCP info		4 Not Present
- PDCP SN info		Not Present
- RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB identity		
- ND IUGHILLY	I	

Information Element	Condition	Value/remark
- PDCP info		Not Present
- PDCP SN info		Not Present
<u> </u>		Not Present
<u>- RB mapping info</u>		Not Present
- RB stop/continue	10	Not Present
RB information to reconfigure list	<u>A2</u>	IS25.331 specifies that "Although this IE is not always required need is MP to align with
		ASN.1".
- RB information to reconfigure		(UM DCCH for RRC)
- RB identity		1
- PDCP info		Not Present
- PDCP SN info		Not Present
<u> </u>		Not Present
<u>- RB mapping info</u>		Not Present
- RB stop/continue		(AM DCCH for RPC)
- RB identity		2
- PDCP info		E Not Present
- PDCP SN info		Not Present
- RLC info		Not Present
<u>- RB mapping info</u>		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for NAS_DT High priority)
- RB identity		3 Not Present
- PDCP IIII0 - PDCP SN info		Not Present
- RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for NAS_DT Low priority)
- RB identity		<u>4</u>
<u> </u>		Not Present
<u>- PDCP SN info</u>		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(TM DTCH)
- RB identity		10
- PDCP info		Not Present
- PDCP SN info		Not Present
<u> </u>		Not Present
<u>- RB mapping into</u>		Not Present
- RB stop/continue RB information to reconfigure		(TM DTCH)
- RB identity		<u>(IM DICH)</u> 11
- PDCP info		Not Present
- PDCP SN info		Not Present
- RLC info		Not Present
- RB mapping info		Not Present
<u>- RB stop/continue</u>		Not Present (TA DISCH)
- RB information to reconfigure		(IMDICH) (This IF is needed for 12.2 kbns and 10.2
		(This is needed for 12.2 kbps and 10.2 kbps)
- RB identity		12
- PDCP info		Not Present
- PDCP SN info		Not Present
RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
KB information to reconfigure list	<u>A3,A4,A5,</u>	IS25.331 specifies that "Although this IE is not
	<u>Ap</u>	aiways required, need is MP to align with
- RB information to reconfigure		(UM DCCH for RRC)
- RB identity		1
- PDCP info		Not Present
- PDCP SN info		Not Present
RLC info		Not Present

Information Element	Condition	Value/remark
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for RRC)
		<u>∠</u> Not Present
- PDCP SN info		Not Present
- RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for NAS_D1 High priority)
		<u>3</u> Not Present
- PDCP SN info		Not Present
- RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for NAS_DT Low priority)
		4 Not Present
- PDCP SN info		Not Present
- RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DTCH)
<u> </u>		20 Not Present
- PDCP SN info		Not Present
- RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
RB information to be affected	<u>A1, A2,</u>	Not Present
	<u>A3,A4,A5,</u>	
III. Transport channel information for all transport	<u>Α0</u> Δ1 Δ2	Not Present
channels	A5.A6	
	<u></u>	
UL Transport channel information for all transport	<u>A3, A4</u>	
- PRACH TECS		Not Present
- CHOICE mode		FDD
- TFC subset		Not Present
- UL DCH TFCS		
- CHOICE TFCI signalling		<u>Normal</u>
- IFCI Field 1 information		Complete recention
- CHOICE TFCS representation		Complete reconliguration
- CHOICE CTFC Size		Number of bits used must be enough to cover
		all combinations of CTFC from TS34.108
		clause 6.10.2.4 Parameter Set.
- CTFC information		This IE is repeated for TFC numbers and
		reference to 1S34.108 clause 6.10.2.4
CTEC		Parameter Set
		Parameter Set
- Power offset information		
- CHOICE Gain Factors		Computed Gain Factors(The last TFC is set to
		Signalled Gain Factors)
- Gain factor βc		11 (below 64 kbps)
		9 (higher than 64 kbps)
		(Not Present if the CHOICE Gain Factors is set
- Gain factor 8d		to computedGain Factors)
		Not Present if the CHOICE Gain Factors is set
		to ComputedGain Factors)
- Reference TFC ID		0
- CHOICE mode		FDD

-Power offset P pm         Not Present           Added or Reconfigured UL TCH information         A1, A2, A3, Not Present           Added or Reconfigured UL TCH information         A1, A2, A3, Not Present           Added or Reconfigured UL TCH information         A4, A5, A6           Added or Reconfigured UL TCH information         A4, A5, A6           -Ub Transport channel type         Dedicated transport channel type           -Ub Transport format information         Fransmission Time Interval           -Number of TBs and TTL List         Transmission Time Interval           -Transmission Time Interval         Set           -Choice Channel List         Set           -Sensitive Transport Channel List         Set           -Choice Transport Channel List         Set           -Choice Transport channel Lightity         Set           -Choice Transport channel Lightity         Set           -Choice Transport channel Lightity         Set           -List Transmission Time Interval         Set           -List Transmission Time Interval         Set           -List Transport Channel Lightity         Set           -Choice Transport Channel Lightity         Set           -Choice Transport Channel Lightity         Set           -List Transport Channel Lightity         Set           <	Information Element	<b>Condition</b>	Value/remark
Deleted UL TiCH information         A1, A2, A3, A0 Present           Added or Reconfigured UL TiCH information         A1, A2, A5, A6           Added or Reconfigured UL TiCH information         A1, A2, A5, A6           Added or Reconfigured UL, TiCH information         A4, A2, A4           - Upink transport channel lequity         A4           - Transmission transport channel lequity         A4           - Transmission transport channel light         A4           - Number of Transport channel light         A4           - Number of Transport channel light         Beforence to TS34.108 clause 6.10 Parameter           - CHOICE Logical Channel light         Beforence to TS34.108 clause 6.10 Parameter           - CHOICE Logical Channel light         Beforence to TS34.108 clause 6.10 Parameter           - CHOICE Logical Channel light         Beforence to TS34.108 clause 6.10 Parameter           - CHOICE Logical Channel light         Beforence to TS34.108 clause 6.10 Parameter           - CHOICE Logical Channel light         Declicated transport channel           - Fuel or TBs and TTL Light         I           - Transmission time Interval         Declicated transport channels           - CHOICE Logical Channel light         Declicated transport channels           - Fuel Channel Identity         I           - Transmission time Interval         Declicated transport chann	- Power offset P p-m		Not Present
A4, A5, A6           Added or Reconfigured UL TCH information         A1, A5, A6           Added or Reconfigured UL TCH information         A5, A6           - UL Transport channel type         DCH           - UL, Transport channel type         Dedicated transport channel type           - CHOICE Transport format information         Reference to TS34.108 clause 6.10 Parameter           - RLC Size         Set           - Number of TBs and TTLList         This E is repeated for TFI number.)           - Transmission Time Interval         Not Present           - Number of TBs and TTLList         This E is repeated for TFI number.)           - Number of TBs and TTLList         Not Present           - CHOICE Logical channel list         All           - Sent static Transport blocks         Set           - Coding Rate         Set           - Coding Rate         Set           - CHOICE Logical Channel type         Dedicated transport channel type           - ULL Transport channel type         Dedicated transport channel formation           - FTS         CHOICE Logical Channel Identity           - FTS         Set           - ULPInt transport channel type         DCH           - ULPInt transport channel type         DCH           - ULPInt transport channel type         DCH	Deleted UL TrCH information	A1, A2, A3,	Not Present
Added or Reconfigured UL TrCH information       A1, A2         Added or Reconfigured UL TrCH information       A4         -Uplik transport channel type       D         -UL Transport channel type       D         -Unit transport channel type       D         -Division Transport format information       Reference to TS34.108 clause 6.10 Parameter         - RLC Size       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       Set         - Semission Time Interval       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       Set         - CHOICE Logical Channel list       Set         - CHOICE Logical Channel list       Set         - Cording Rate       - CRC size         - Uplik transport channel type       UL Transport channel type         - Ulik transport channel type       UL Transport channel type         - Ulik transport channel type       DCH         - Transmission Time Interval       Set         - Transmission Time Interval       Set         - CHOICE Transport channel type       DCH         - Ulik transport channel type       DCH         - Transmission Time Interval       Set         - Transmission Time Interval       Set         - CHOICE Logical Channel list <td></td> <td>A4, A5,A6</td> <td></td>		A4, A5,A6	
Added or Reconfigured UL TCH information       45.A6         - UDIrat transport channel type       DCH         - UL Transport channel type       Dedicated transport channels         - CHOICE Transport format information       Set         - RLC Size       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       Transmission Time Interval         - Number of TBs and TTI List       Transmission Time Interval         - Number of TBs and TTI List       Transmission Time Interval         - Number of TBs and TTI List       Transmission Time Interval         - Transmission Time Interval       Added or Reconce to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       Beference to TS34.108 clause 6.10 Parameter         - CHOICE Transport channel locks       Beference to TS34.108 clause 6.10 Parameter         - CRC size       Beference to TS34.108 clause 6.10 Parameter         - Rue matching attribute       Beference to TS34.108 clause 6.10 Parameter         - UL Transport channel lothity       T         - Transmission Time Interval       Dedicated transport channels         - ULP Tarsport channel lothity       T         - Transmission Time Interval       Dedicated transport channels         - OHOICE Logical Channel list       Dedicated transport channels         - OHOICE Logical Channel li	Added or Reconfigured UL TrCH information	A1, A2,	Not Present
Adde or Reconfigured UL Tich Information       A4       2.TiCHsIDCH for DCCH and DCH for DTCH)         Uplink transport channel identity       5         -CHOICE Transport format information       Reference to TS34.108 clause 6.10 Parameter         -Number of TBs and TTL List       This E is repeated for TF1 number.)         -Transmission Time Interval       Historica Transport blocks         -CHOICE Logical Channel list       Set         -Semi-static Transport blocks       Reference to TS34.108 clause 6.10 Parameter         -CHOICE Logical Channel list       Set         -Coding Rate       Reference to TS34.108 clause 6.10 Parameter         -Coding Rate       Reference to TS34.108 clause 6.10 Parameter         -CHOICE Transport channel type       Distribute         -CHOICE Transport channel type       Reference to TS34.108 clause 6.10 Parameter         -CHOICE Transport channel type       Baterence to TS34.108 clause 6.10 Parameter         -CHOICE Transport channel type       Distribute         -Transmission Time Interval       Reference to TS34.108 clause 6.10 Parameter         -Transmission Time Interval       Number of Tassport tormat Information         -RLC Size       Reference to TS34.108 clause 6.10 Parameter         -CHOICE Logical Channel list       Set         -CHOICE Logical Channel list       Set         -Sem		<u>A5,A6</u>	
- Ublink transport channel identity         5           - UL Transport channel identity         5           - CHOICE Transport channel identity         5           - RIC Size         Bedicated transport channels           - Number of TBs and TTI List         This IE is repeated for TFI number.)           - Number of Tasson thocks         CHOICE Logical Channel list           - Number of Tasson thocks         Set           - CHOICE Logical Channel list         Set           - Somi-static Transport format information         Reference to TS34.108 clause 6.10 Parameter           - Transmission Time interval         Set           - Coding Rate         Set           - CRC size         Set           - Uplink transport channel type         Declicated transport channel set           - Uplink transport channel type         DCH           - Transmission Time interval         Reference to TS34.108 clause 6.10 Parameter           - Rue matching attribute         Set           - Transmission Time interval         This IE is repeated for TF1 number.)           - Transmission Time interval         Not Present           - Num	Added or Reconfigured UL TrCH information	<u>A4</u>	2 TrCHs(DCH for DCCH and DCH for DTCH)
- UL. Transport channel identity         5           - FFS         - CHOICE Transport channel type           - Dynamic Transport format information         - Reference to TS34.108 clause 6.10 Parameter           - RUC Size         - Reference to TS34.108 clause 6.10 Parameter           - Transmission Time Interval         - Number of TBs and TTLList           - Transmission Time Interval         - Reference to TS34.108 clause 6.10 Parameter           - CHOICE Logical Channel list         - Reference to TS34.108 clause 6.10 Parameter           - Type of channel coding         - Reference to TS34.108 clause 6.10 Parameter           - Coding Rate         - Reference to TS34.108 clause 6.10 Parameter           - CRC size         - Reference to TS34.108 clause 6.10 Parameter           - UL Transport channel type         - Duplink transport channel type           - UL Transport format information         - Reference to TS34.108 clause 6.10 Parameter           - RLC Size         - Reference to TS34.108 clause 6.10 Parameter           - UL Transport format information         - Reference to TS34.108 clause 6.10 Parameter           - FRC Size         - CHOICE Logical Channel ist           - Number of TBs and TTLList         - Reference to TS34.108 clause 6.10 Parameter           - Number of TBs and TTLList         - Reference to TS34.108 clause 6.10 Parameter           - CHOICE Logical Channel list <t< td=""><td><ul> <li>Uplink transport channel type</li> </ul></td><td></td><td>DCH</td></t<>	<ul> <li>Uplink transport channel type</li> </ul>		DCH
- TFS       Dedicated transport format information         - CHOICE Transport format information       Reference to TS34.108 clause 6.10 Parameter         - Number of Transport blocks       Number of Transport blocks         - CHOICE Logical Channel list       Semi-static Transport format information         - Transmission time interval       Number of Transport blocks         - CHOICE Logical Channel list       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - Uplink transport channel type       DCH         - Unlink transport channel type       DCH         - Transmission Time Interval       Reference to TS34.108 clause 6.10 Parameter         - RLC Size       Reference to TS34.108 clause 6.10 Parameter         - Number of Transport channel type       DCH         - Transmission Time Interval       Number of Transport blocks         - CHOICE Logical Channel list       Set         - Set       Coding Rate         - Transmission Time Interval       Number of Transport blocks         - CHOICE Logical Channel list       Set         - Set       Coding Rate         - Coding Rate	<ul> <li>UL Transport channel identity</li> </ul>		<u>5</u>
- CHOICE Transport channel type     - Dynamic Transport format information     - FILC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Transmission Time Interval     - Transmission Time Interval     - Transmission Time Interval     - CRC Size     - Uplink transport channel type     - Dynamic Transport channel type     - Dynamic Transport format information     - Transmission Time Interval     - Transmission Time Interval     - CRC Size     - CHOICE Logical Channel List     - Coding Rate     - CRC Size     - Uplink transport channel type     - Dynamic Transport blocks     - UPL Transmission Time Interval     - CRC Size     - UPL Transport channel List     - Coding Rate     - Coding Rate     - CHOICE Logical Channel List     - CRC Size     - UPL Transport channel List     - Transmission Time Interval     - Transmission Time Interval     - Transmission Time Interval     - Transmission Time Interval     - CRC Size     - CHOICE Logical Channel List     - CRC Size     - CR	- TFS		
Dynamic Transport format information       Reference to TS34.108 clause 6.10 Parameter        Number of TBs and TTL List       Transmission Time Interval        Number of Transport books       Number of Transport books        CHOICE Logical Channel list       Reference to TS34.108 clause 6.10 Parameter        Semi-static Transport format information       Reference to TS34.108 clause 6.10 Parameter        Coding Rate       Reference to TS34.108 clause 6.10 Parameter        Coding Rate       Reference to TS34.108 clause 6.10 Parameter        Coding Rate       Reference to TS34.108 clause 6.10 Parameter        CRC size       Reference to TS34.108 clause 6.10 Parameter        Uplink transport channel lype       Delicated transport channels        Uplink transport channel lype       Delicated transport channels        Number of TBs and TTL List       Inst E is repeated for TFI number.)        Transmission Time Interval       Inst E is repeated for TFI number.)        Transmission Time Interval       Reference to TS34.108 clause 6.10 Parameter        Set       Reference to TS34.108 clause 6.10 Parameter        Set       Reference to TS34.108 clause 6.10 Parameter	- CHOICE Transport channel type		Dedicated transport channels
	<ul> <li>Dynamic Transport format information</li> </ul>		
- Number of TBs and TTL List       Set         - Transmission Time Interval       This E is repeated for TFL number.)         - OHOCE Logical Channel list       Set         - Semi-static Transport Format Information       Reference to TS34.108 clause 6.10 Parameter         - Type of channel coding       Set         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - Rate matching attribute       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Transport channel type       Difference to TS34.108 clause 6.10 Parameter         - Uplink transport channel type       Difference to TS34.108 clause 6.10 Parameter         - OHOCE Transport channel type       Diff         - Uplink transport format Information       Reference to TS34.108 clause 6.10 Parameter         - Reference to TS34.108 clause 6.10 Parameter       Set         - OHOCE Transport channel type       Diff         - Uplink transport format Information       Reference to TS34.108 clause 6.10 Parameter         - Reference to TS34.108 clause 6.10 Parameter       Set         - CHOICE Logical Channel list       Number of TBs and TTL List         - Transmission time Interval       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       Set         <	- RLC Size		Reference to TS34.108 clause 6.10 Parameter
- Number of TBS and TTLList       (This IE is repeated for TEI number.)         - Transmission Time Interval       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       Set         - Semi-static Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Set         - Rate matching attribute       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Set         - Uplink transport channel type       DCH         - UTransmission Time Interval       1         - Transmission Time Interval       Number of TBS and TTLList         - Transmission Time Interval       Number of Transport blocks         - CHOICE Logical Channel Ist       Set         - Set       Reference to TS34.108 clause 6.10 Parameter         Set       All         - Set       Reference to TS34.108 clause 6.10 Parameter         Set       Set         - CHOICE Logical Channel Ist       Set         - Set       Referen			<u>Set</u>
- Transmission Time Interval       Not Present         - CHOICE Logical Channel list       Set         - Semi-static Transport Format Information       Reference to TS34.108 clause 6.10 Parameter         - Type of channel coding       Set         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Set         - Uplink transport channel type       Reference to TS34.108 clause 6.10 Parameter         - ULT fransmission Time interval       Set         - CRC size       Set         - ULT fransport channel type       DCH         - ULT fransport bornat information       Reference to TS34.108 clause 6.10 Parameter         - RIC Size       Set         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       Set         - Set       Set         - Coding Rate       Set         - Coding Rate       Set         - Coding Rate       Set         - Coding Rate       Set <td><ul> <li>Number of TBs and TTI List</li> </ul></td> <td></td> <td>(This IE is repeated for TFI number.)</td>	<ul> <li>Number of TBs and TTI List</li> </ul>		(This IE is repeated for TFI number.)
- Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Coding Rate     - Coding Rate     - CRC size     - Uplink transport channel type     - UL Transport channel identity     - TFS     - FTF Transport channel identity     - TFS     - CHOICE Logical Channel list     - CRC size     - Uplink transport channel identity     - TFS     - CHOICE Logical Channel list     - CRC size     - Uplink transport channel identity     - TFS     - CHOICE Logical Channel list     - CRC size     - Uplink transport channel identity     - TFS     - CHOICE Logical Channel list     - CRC size     - CHOICE Logical Channel list     - Semi-static Transport blocks     - CHOICE Logical Channel list     - CRC size     - CHOICE Logical Channel list     - Semi-static Transport blocks     - CRC size     - CHOICE Logical Channel list     - Semi-static Transport blocks     - CRC size     -	<ul> <li>Transmission Time Interval</li> </ul>		Not Present
- CHOICE Logical Channel list     Set       - Semi-static Transport Format Information     Reference to TS34.108 clause 6.10 Parameter       - Coding Rate     Set       - CRC size     Reference to TS34.108 clause 6.10 Parameter       - CRC size     Set       - Uplink transport channel type     1       - CRC size     Set       - UUT ransmission time interval     1       - CRC size     Set       - UUT ransport channel type     1       - CRC size     Set       - UUT ransport channel type     1       - CROICE Transport channel type     1       - CHOICE Transport channel type     1       - CHOICE Logical Channel information     Reference to TS34.108 clause 6.10 Parameter       - Number of TBs and TTL List     - Transmission time interval       - Set     - CHOICE Logical Channel information       - Transmission time interval     Reference to TS34.108 clause 6.10 Parameter       - CHOICE Logical Channel list     Set       - Set     Reference to TS34.108 clause 6.10 Parameter       - CHOICE Logical Channel information     Reference to TS34.108 clause 6.10 Parameter       - Transmission time interval     Set       - Set     Reference to TS34.108 clause 6.10 Parameter       - Coding Rate     Set       - Coding Rate     Set       - CRC size	<ul> <li>Number of Transport blocks</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
- CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - UL Transport channel ivpe     - UL Transport channel ivpe     - UL Transmission Time interval     - Ruc Size     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport channel ivpe     - CHOICE Logical Channel list     - CRC size     - CRC s			<u>Set</u>
- Semi-static Transport Format information         - Transmission time interval         - Coding Rate         - Rate matching attribute         - UL Transport channel type         - UL Transport channel identity         - Transmission time interval         - Number of Tassport format information         - Transmission time interval         - Coding Rate         - Coding Rate         - ChOICE Transport format information         - Transmission time interval         - Transmission time interval         - Transmission time interval         - Transmission time interval         - Coding Rate         - Coding Rate         - Crec size         - Rate matching attribute         - Crec size         - Rate matching attribute         - Crec size         - Crec size         - Crec size <td>- CHOICE Logical Channel list</td> <td></td> <td>All</td>	- CHOICE Logical Channel list		All
Transmission time interval     Type of channel coding     Type of channel coding     Coding Rate     Coding Rate     CRC size     CRC size     Uplink transport channel type     UL Transport channel identity     TFS     CHOICE Transport channel identity     Transmission Time Interval     Number of Transport bocks     CHOICE Logical Channel list     CRC size     Coding Rate     CRC size     Coding Rate     CRC size     CHOICE Logical Channel list     CRC size     COding Rate     CRC size     CHOICE Logical Channel list     CRC size     CHOICE Logical Channel list     CRC size     CRC size     CRC size     CRC size     CHOICE Logical Channel list     CRC size     CRC size     CRC size     CRC size     CRC size     CRC size     CHOICE Logical Channel list     CRC size     CRE size     CRE size     CRC size     CRE size     CRC size     C	<ul> <li>Semi-static Transport Format information</li> </ul>		
- Type of channel coding       Set Reference to TS34.108 clause 6.10 Parameter Set         - Rate matching attribute       Reference to TS34.108 clause 6.10 Parameter Set         - CRC size       Set Uplink transport channel type         - UL Transport channel type       Dedicated transport channels         - UL Transport channel type       1         - TFS       Dedicated transport channels         - Ornamic Transport format information       Reference to TS34.108 clause 6.10 Parameter Set         - Number of TBs and TTI List       1         - Transmission Time Interval       Reference to TS34.108 clause 6.10 Parameter Set         - CHOICE Logical Channel list       Set         - Set static Transport Format information       Reference to TS34.108 clause 6.10 Parameter Set         - Croc size       Reference to TS34.108 clause 6.10 Parameter Set         - Croc size       Reference to TS34.108 clause 6.10 Parameter Set         - Cading Rate       Reference to TS34.108 clause 6.10 Parameter Set         - CRC size       Reference to TS34.108 clause 6.10 Parameter Set         - CRC size       Reference to TS34.108 clause 6.10 Parameter Set         - CHOICE Transport channel type       DCH         - Uplink transport channel identity       T         - Transmission Time Interval       A3         - OCHOICE Transport channel identity	<ul> <li>Transmission time interval</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
- Type of channel coding       Reference to TS34.108 clause 6.10 Parameter         Set       Set         - Rate matching attribute       Reference to TS34.108 clause 6.10 Parameter         Set       DCH         - UL Transport channel type       DCH         - UL Transport channel type       DCH         - Number of TBs and TTLList       In         - Transmission Time Interval       Reference to TS34.108 clause 6.10 Parameter         Set       Dedicated transport channels         - Number of TBs and TTLList       In         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter         Set       - CHOICE Logical Channel list         - Set       Reference to TS34.108 clause 6.10 Parameter         Set       Reference to TS34.108 clause 6.10 Param			<u>Set</u>
- Coding Rate       Set         - Rate matching attribute       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - Uptink transport channel type       DCH         - UL Transport channel type       DCH         - UL Transport channel type       DCH         - UL Transport channel type       DCH         - VLOCE Transport channel type       Dedicated transport channels         - Number of Transport format information       Reference to TS34.108 clause 6.10 Parameter         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - Transmission Time Interval       Number of Transport blocks         - CHOICE Logical Channel list       All         - Semi-static Transport Format information       Reference to TS34.108 clause 6.10 Parameter         - Crac size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - Muber of Transport channel type       DCH	<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
Coding Rate     Coding Rate     Coding Rate     Reference to TS34.108 clause 6.10 Parameter     Set     CRC size     Uplink transport channel type     UU Transport channel type     UU Transport channel type     CHOICE Transport channel type     COding Rate     CRC size     Reference to TS34.108 clause 6.10 Parameter     Set     DCH     UU Transport channel type     UU Transport channel type     CHOICE Transport channel type     CRC size     Reference to TS34.108 clause 6.10 Parameter     Set     DCH     UU Transport channel type     CHOICE Logical Channel type     Coding Rate     CRC size     Reference to TS34.108 clause 6.10 Parameter     Set     Coding Rate     CCO size     Coding Rate     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     COding Rate     CRC size     CRC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     CCC size     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     Reference to TS34.108 clause 6.10 Parameter     Set     Refe			<u>Set</u>
- Rate matching attribute       Set         - CRC size       Set         - Uplink transport channel type       DCH         - UL Transport channel identity       1         - TFS       Dedicated transport channels         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - Transmission Time Interval       Transport blocks         - Type of channel coding       Set         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - Type of channel coding       Set         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Transport channel type       Set         - Uplink transport channel identity       A3         - UCH Transport channel identity       Set         - CHOICE Transport channel identity       I         - Uplink transport channel identity       Set         - CHOICE Transport channel identity       E	<u>Coding Rate</u>		Reference to TS34.108 clause 6.10 Parameter
Reference to TS34.108 clause 6.10 Parameter     Set     CRC size     Uplink transport channel type     UL Transport channel type     OLT Transport channel type     OLT Transport format information     Reference to TS34.108 clause 6.10 Parameter     Set     DCH     1     TFS     CHOICE Transport channel type     COding Rate     CRC size     Reference to TS34.108 clause 6.10 Parameter     Set     Coding Rate     Coding Rate     Coding Rate     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     Coding Rate     Coding Rate     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.10 Parameter     Set     CCC size     Reference to TS34.108 clause 6.1			<u>Set</u>
- CRC size       Set         - Uplink transport channel identity       1         - TFS       DCH         - Ornamic Transport channel identity       1         - TFS       Dedicated transport channels         - Number of Tbs and TTI List       1         - Transmission Time Interval       Reference to TS34.108 clause 6.10 Parameter         - Number of Tbs and TTI List       Init Is is repeated for TFI number.)         - Transmission Time Interval       Not Present         - CHOICE Logical Channel list       All         - Type of channel coding       Set         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Set         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Set         - CHOICE Transport Format information       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Transport channel type       DCH for DTCH)         - UL Transport channel type       DCH         - UNmber of TBs and TTI List       Initis te is repeated for TFI number.) <t< td=""><td>- Rate matching attribute</td><td></td><td>Reference to TS34.108 clause 6.10 Parameter</td></t<>	- Rate matching attribute		Reference to TS34.108 clause 6.10 Parameter
- CRC size     - Uplink transport channel type     - UL Transport channel type     - UL Transport channel type     - DVnamic Transport format information     - RLC Size     - Number of TBs and TTL List     - Transmission time interval     - CHOICE Logical Channel list     - Coding Rate     - Coding Rate     - Cac size     - CRC s			Set
- Uplink transport channel type       Set         - UL Transport channel identity       1         - TFS       Dedicated transport channels         - Ornamic Transport format information       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       Transmission Time Interval         - Transmission Time Interval       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       All         - Semi-static Transport Format information       Reference to TS34.108 clause 6.10 Parameter         - Type of channel coding       Set         - Type of channel coding       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Set         - CRC size       Reference to TS34.108 clause 6.10 Parameter         Set       Dedicated transport channel identity         - TRLS Size       Reference to TS34.108 clause 6.10 Parameter         Set       Dedicated transport channels         - CHOLCE Transport channel type       Dedicated transport channels         - UL Transport channel identity	<u> </u>		Reference to TS34.108 clause 6.10 Parameter
- Uplink transport channel type     - UL Transport channel type     - UL Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission time interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport format information     - Transmission time interval     - Coding Rate     - Coding Rate     - Coding Rate     - Coding Rate     - CRC size     Added or Reconfigured UL TrCH information     - Ull transport channel type     - UL Transport channel type     - Dynamic Transport channel type     - UL Transport channel type     - Dynamic Transport blocks     - FlC Size     - CHOICE Logical Channel type     - UL Transport channel type     - UL Transport channel type     - UL Transport channel type     - Dynamic Transport blocks     - FlC Size     - CHOICE Transport channel type     - Dynamic Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport blocks     - CHOICE Logical Channel list     - Transmission time interval     - Transmission time interval     - Transmission time interval     - Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport blocks     - CHOICE Logical Channel list     - Transmission time interval     - Transmission time inte			Set
- UL transport channel identity     - TFS     - CHOICE Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport bornat information     - Transmission time interval     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Carc size     - CAC size	<u>- Uplink transport channel type</u>		DCH
- CHOICE Transport channel type         - Dynamic Transport format information         - RLC Size         - Number of TBs and TTI List         - Transmission Time Interval         - Number of Transport blocks         - CHOICE Logical Channel list         - Semi-static Transport commat information         - Transmission time interval         - Type of channel coding         - Type of channel coding         - Coding Rate         - CRC size         - CRC size         Added or Reconfigured UL TrCH information         - TITES         - CHOICE Transport channel identity         - TFS         - CHOICE Transport channel identity         - Transmission Time Interval         - Coding Rate         - CRC size         Added or Reconfigured UL TrCH information         - UL Transport channel identity         - TFS         - CHOICE Transport channel type         - UL Transport channel identity         - Transmission Time Interval         - Number of Tass and TTI List         - Transmission Time Interval         - CHOICE Logical Channel Itype         - Number of Transport blocks         - Transmission Time Interval         - CHOICE Logical Channel list <td><u>- UL Transport channel identity</u></td> <td></td> <td><u>  1</u></td>	<u>- UL Transport channel identity</u>		<u>  1</u>
- CHOICE Iransport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Type of channel coding     - Cac size     - CRC size     Added or Reconfigured UL TrCH information     - Rate matching attribute     - CRC size     Added or Reconfigured UL TrCH information     - Transport channel type     - UL Transport channel type     - UL Transport channel type     - UL Transport channel type     - Dynamic Transport format information     - RLC Size     - CHOICE Transport channel type     - UL Transport channel type     - UL Transport channel type     - Dynamic Transport format information     - RLC Size     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - CHOICE Transport format information     - RLC Size     - CHOICE Logical Channel type     - Dynamic Transport format information     - RLC Size     - CHOICE Logical Channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport format information     - Transmission Time Interval     - Transmission Time Interval     - Transmission Time Interval     - Transmission Time Interval     - Reference to TS34.108 clause 6.10 Parameter     Set     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission Time Interval     - Transmissin Time Interval     - Transmission Time Interval     -	- IFS		
- Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Transmission time interval     - CHOICE Logical Channel type     - UL Transport channel type     - Dynamic Transport format information     - Transmission Time Interval     - CHOICE Logical Channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Transmission Time Interval     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Transmission Time Interval     - Transmission Time Interval     - Number of Transport format information     - Transmission Time Interval     - CHOICE Logical Channel list     - Transmission Time Interval     - Transmiss	- CHOICE Transport channel type		Dedicated transport channels
- RLC Size       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       Not Present         - Transmission Time Interval       Not Present         - CHOICE Logical Channel list       Set         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter         Set       Set         - CHOICE Logical Channel list       Reference to TS34.108 clause 6.10 Parameter         Set       Set         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter         Set       Set         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         Set       Set         - CRC size       Reference to TS34.108 clause 6.10 Parameter         Set       Reference to TS34.108 clause 6.10 Parameter         Vultication of the set       Not Present         - CHOICE Transport channel type       Dedicated transport channels         - Number of TBs and TTI List       Transmission Time Inte	- Dynamic Transport format information		
- Number of TBs and TTI List       Set (This IE is repeated for TFI number.) Not Present         - Transmission Time Interval       Reference to TS34.108 clause 6.10 Parameter Set         - CHOICE Logical Channel list       All         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter Set         - Trype of channel coding       Reference to TS34.108 clause 6.10 Parameter Set         - Coding Rate       Set         - Rate matching attribute       Reference to TS34.108 clause 6.10 Parameter Set         - CRC size       Set         Added or Reconfigured UL TrCH information       A3         - Uplink transport channel type       DCH for DTCH)         - UL Transport channel type       DCH for DTCH)         - Dynamic Transport format information       A3         - RLC Size       Reference to TS34.108 clause 6.10 Parameter Set         - CHOICE Transport channel type       DCH for DTCH)         - Dynamic Transport format information       A3         - RLC Size       Reference to TS34.108 clause 6.10 Parameter Set         - Number of TBs and TTI List       This IE is repeated for TFI number.)         - Transmission Time Interval       Not Present         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       Ail <tr< td=""><td>- RLC Size</td><td></td><td>Reference to 1S34.108 clause 6.10 Parameter</td></tr<>	- RLC Size		Reference to 1S34.108 clause 6.10 Parameter
<ul> <li>- Number of TBS and TTL LIST</li> <li>- Transmission Time Interval</li> <li>- Number of Transport blocks</li> <li>- CHOICE Logical Channel list</li> <li>- Semi-static Transport Format information</li> <li>- Transmission time interval</li> <li>- Type of channel coding</li> <li>- Toype of channel coding</li> <li>- Toype of channel coding</li> <li>- Coding Rate</li> <li>- Coding Rate</li> <li>- Rate matching attribute</li> <li>- CRC size</li> <li>- CRC size</li> <li>- CRC size</li> <li>- CRC size</li> <li>- CHOICE Transport channel type</li> <li>- UL Transport channel type</li> <li>- UL Transport channel type</li> <li>- CHOICE Transport channel type</li> <li>- Number of TBs and TTL List</li> <li>- Transmission Time Interval</li> <li>- Transmission Time Interval</li> <li>- Transport of TCH information</li> <li>- RLC Size</li> <li>- Number of TBs and TTL List</li> <li>- Transport port blocks</li> <li>- CHOICE Logical Channel list</li> <li>- Semi-static Transport Format information</li> <li>- Transmission Time Interval</li> <li>- Transmission Time Interval</li> <li>- Transmission Time Interval</li> <li>- Reference to TS34.108 clause 6.10 Parameter</li> <li>Set</li> <li>- CHOICE Logical Channel list</li> <li>- Semi-static Transport Format information</li> <li>- Transmission Time Information</li> <li>- Semi-static Transport Format</li></ul>			Set
- Iransmission lime interval       Number of Transport blocks         - CHOICE Logical Channel list       Set         - CHOICE Logical Channel list       All         - Semi-static Transport Format information       Reference to TS34.108 clause 6.10 Parameter         - Type of channel coding       Reference to TS34.108 clause 6.10 Parameter         - Type of channel coding       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - Rate matching attribute       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         Added or Reconfigured UL TrCH information       A3         - UL Transport channel type       DCH         - UL Transport channel identity       1         - TFS       Dedicated transport channels         - OHOICE Transport channel type       Dedicated transport channels         - Number of TBs and TTI List       (This IE is repeated for TFI number.)         - Transmission Time Interval       Not Present         - CHOICE Logical Channel list       Set         - CHOICE Logical Channel list       All         - Semi-static Transport Format information       All	- Number of TBs and TTT List		(This IE is repeated for TFT number.)
- Number of Transport Diocks       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       All         - Semi-static Transport Format information       All         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter         - Type of channel coding       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - Rate matching attribute       Set         - CRC size       Reference to TS34.108 clause 6.10 Parameter         Set       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - Uplink transport channel type       DCH         - UL Transport channel identity       1         - TFS       Dedicated transport channels         - Dynamic Transport format information       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       (This IE is repeated for TFI number.)         - Transmission Time Interval       Not Present	- Transmission Time Interval		Not Present
- CHOICE Logical Channel list       Set         - Semi-static Transport Format information       All         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter         - Type of channel coding       Set         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Set         - Rate matching attribute       Set         - CRC size       Reference to TS34.108 clause 6.10 Parameter         Set       Number of the transport channel type         - Dynamic Transport channel type       Dedicated transport channels         - Number of TBs and TTI List       This IE is repeated for TFI number.)         - Transmission Time Interval       Not Present         - CHOICE Logical Channel list       All         - Seti       All	- Number of Transport blocks		Reference to 1S34.108 clause 6.10 Parameter
- CHOICE Logical Channel list       All         - Semi-static Transport Format information       Reference to TS34.108 clause 6.10 Parameter         - Type of channel coding       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Reference to TS34.108 clause 6.10 Parameter         - Rate matching attribute       Set         - Rate matching attribute       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         Added or Reconfigured UL TrCH information       A3         - UL Transport channel type       UCH for DTCH)         - UL Transport channel type       1         - CHOICE Transport channel type       Dedicated transport channels         - Number of TBs and TTI List       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       CHOICE Logical Channel list         - CHOICE Logical Channel list       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       All         - Seti-static Transport Information       All			Set
- Semi-static Transport Pormat information         - Transmission time interval         - Transmission time interval         - Transmission time interval         - Type of channel coding         - Coding Rate         - Coding Rate         - Rate matching attribute         - Rate matching attribute         - Rate matching attribute         - Rate matching attribute         - CRC size         Added or Reconfigured UL TrCH information         - Uplink transport channel type         - UL Transport channel type         - UL Transport channel type         - CHOICE Transport channel type         - Number of TBs and TTI List         - Transmission Time Interval         - Number of Tassport blocks         - CHOICE Logical Channel list         - CHOICE Logical Channel list         - CHOICE Logical Channel information         - Transmission Time Interval         - Number of Transport blocks         - CHOICE Logical Channel information         - Transmission Time Interval         - Transport Eormat information         - Transport blocks	<u>- CHOICE Logical Channel list</u>		All
- Iransmission time interval       Reference to TS34.108 clause 6.10 Parameter         - Type of channel coding       Reference to TS34.108 clause 6.10 Parameter         - Coding Rate       Set         - Rate matching attribute       Reference to TS34.108 clause 6.10 Parameter         - Rate matching attribute       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Set         - UL Transport channel type       DCH         - UL Transport channel type       Dedicated transport channels         - CHOICE Transport format information       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       Not Present         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       All         - Semi-static Transport Format information       All         - Transmission time interval       Reference to TS34.108 clause	- Semi-static Transport Format Information		
- Type of channel coding       Set Reference to TS34.108 clause 6.10 Parameter Set Reference to TS34.108 clause 6.10 Parameter Set         Added or Reconfigured UL TrCH information - Uplink transport channel type - UL Transport channel type - UL Transport channel type - CHOICE Transport format information - RLC Size       A3       (DCH for DTCH) DCH 1         - RLC Size       Dedicated transport channels (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6.10 Parameter Set - Number of TBs and TTI List - Transmission Time Interval - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6.10 Parameter Set - CHOICE Logical Channel list - Semi-static Transport Format information - Transmission time interval	- I ransmission time interval		Reference to 1S34.108 clause 6.10 Parameter
- Type of channel cooling       - Reference to TS34.108 clause 6.10 Parameter         Set       Set         - Rate matching attribute       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         Added or Reconfigured UL TrCH information       A3         - Uplink transport channel type       DCH         - UL Transport channel identity       1         - TFS       Dedicated transport channels         - CHOICE Transport channel type       Dedicated transport channels         - Number of TBs and TTI List       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       Not Present         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       Not Present         - CHOICE Logical Channel list       AII         - Semi-static Transport Format information       Reference to TS34.108 clause 6.10 Parameter	Turne of channel coding		Set
- Coding Rate       Set         - Rate matching attribute       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - CRC size       Reference to TS34.108 clause 6.10 Parameter         - Added or Reconfigured UL TrCH information       A3         - Uplink transport channel type       DCH         - UL Transport channel identity       1         - TFS       Dedicated transport channels         - CHOICE Transport format information       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       CHOICE Logical Channel list         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       All         - CHOICE Logical Channel list       All         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       All         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter	- Type of channel coding		Reference to 1534.108 clause 6.10 Parameter
- Coding Rate       - Rate matching attribute         - Rate matching attribute       Set         - CRC size       Reference to TS34.108 clause 6.10 Parameter         Set       DCH         - UL Transport channel identity       1         - TFS       Dedicated transport channels         - Opnamic Transport format information       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTL List       CHOICE Logical Channel list         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         Set       CHOICE Logical Channel list         - CHOICE Logical Channel list       All         - Transmission time interval       All	Carling Data		Set
- Rate matching attribute       Set Reference to TS34.108 clause 6.10 Parameter Set         - CRC size       Reference to TS34.108 clause 6.10 Parameter Set         Added or Reconfigured UL TrCH information       A3         - Uplink transport channel type       DCH         - UL Transport channel identity       1         - TFS       Dedicated transport channels         - CHOICE Transport channel type       Dedicated transport channels         - RLC Size       Reference to TS34.108 clause 6.10 Parameter Set         - Number of TBs and TTI List       (This IE is repeated for TFI number.)         - Transmission Time Interval       Not Present         - CHOICE Logical Channel list       Set         - CHOICE Logical Channel list       All         - Transmission time interval       All	- Coding Rate		Reference to 1534.108 clause 6.10 Parameter
- CRC size       Reference to TS34.108 clause 6.10 Parameter         Set       Reference to TS34.108 clause 6.10 Parameter         Set       Set         Added or Reconfigured UL TrCH information       A3         - Uplink transport channel type       DCH         - UL Transport channel identity       1         - TFS       Dedicated transport channels         - CHOICE Transport channel type       Dedicated transport channels         - Number of TBs and TTI List       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       Transmission Time Interval         - Number of TBs and TTI List       Not Present         - CHOICE Logical Channel list       Reference to TS34.108 clause 6.10 Parameter         Set       All         - CHOICE Logical Channel list       All         - Transmission time interval       All	Pata matching attribute		Deference to TS24.109 clouice 6.10 Decomptor
- CRC size       Added or Reconfigured UL TrCH information         - Uplink transport channel type       - UL Transport channel identity         - TFS       - CHOICE Transport channel type         - Dynamic Transport format information       - RLC Size         - Number of TBs and TTI List       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       - Transmission Time Interval         - CHOICE Logical Channel list       - CHOICE Logical Channel list         - Semi-static Transport Format information       - Transmission time interval			Reference to 1534.106 clause 6.10 Parameter
- CRC size       Reference to TS34.108 clause 6.10 Parameter         Added or Reconfigured UL TrCH information       A3         - Uplink transport channel type       DCH         - UL Transport channel identity       1         - TFS       Dedicated transport channels         - CHOICE Transport format information       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       Not Present         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       Set         - CHOICE Logical Channel list       All         - Transmission time interval       All         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter	CPC aiza		Sel Beforence to TS24 108 cloures 6 10 Decemptor
Added or Reconfigured UL TrCH information       A3       (DCH for DTCH)         - Uplink transport channel type       DCH         - UL Transport channel identity       1         - TFS       Dedicated transport channels         - CHOICE Transport channel type       Dedicated transport channels         - Number of TBs and TTI List       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       Not Present         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       AI         - Semi-static Transport Format information       AI         - Transmission time interval       AI         - Transmission time interval       AI			Reference to 1334.100 clause 0.10 Parameter
- Uplink transport channel type       DCH         - UL Transport channel identity       1         - TFS       Dedicated transport channels         - OHOICE Transport channel type       Dedicated transport channels         - OHOICE Transport format information       Reference to TS34.108 clause 6.10 Parameter         Set       (This IE is repeated for TFI number.)         Number of TBs and TTI List       Not Present         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         Set       Number of Transport blocks         - CHOICE Logical Channel list       All         - Semi-static Transport Format information       All         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter	Added or Reconfigured LIL TrCH information	۵3	
- Oplink transport channel type       1         - UL Transport channel identity       1         - TFS       Dedicated transport channels         - Opnamic Transport format information       Dedicated transport channels         - RLC Size       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       (This IE is repeated for TFI number.)         - Transmission Time Interval       Not Present         - OHOICE Logical Channel list       Set         - CHOICE Logical Channel list       All         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter	Liplink transport channel type	<u>A3</u>	
<ul> <li>- OL Transport channel identity</li> <li>- TFS</li> <li>- CHOICE Transport channel type</li> <li>- Dynamic Transport format information</li> <li>- RLC Size</li> <li>- Number of TBs and TTI List</li> <li>- Transmission Time Interval</li> <li>- Number of Transport blocks</li> <li>- CHOICE Logical Channel list</li> <li>- Semi-static Transport Format information</li> <li>- Transmission time interval</li> <li>- Transmission time interval</li> <li>- Transmission time interval</li> <li>- Transmission time interval</li> </ul>			
- Tros         - CHOICE Transport channel type         - Dynamic Transport format information         - RLC Size         - Number of TBs and TTI List         - Transmission Time Interval         - Number of Transport blocks         - CHOICE Logical Channel list         - Semi-static Transport Format information         - Transmission time interval         - Reference to TS34.108 clause 6.10 Parameter         Set         - CHOICE Logical Channel list         - Transmission time interval         - Reference to TS34.108 clause 6.10 Parameter			<u>→</u>
- Ornored Transport charmer type         - Dynamic Transport format information         - RLC Size         - Number of TBs and TTI List         - Transmission Time Interval         - Number of Transport blocks         - CHOICE Logical Channel list         - Semi-static Transport Format information         - Transmission time interval	CHOICE Transport channel type		Dedicated transport channels
- RLC Size       Reference to TS34.108 clause 6.10 Parameter         - Number of TBs and TTI List       (This IE is repeated for TFI number.)         - Transmission Time Interval       Not Present         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       Set         - Semi-static Transport Format information       All         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter	- ONOICE Transport format information		
- Number of TBs and TTI List       (This IE is repeated for TFI number.)         - Transmission Time Interval       Not Present         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       All         - Transmission time interval       Reference to TS34.108 clause 6.10 Parameter			Reference to TS34 108 clause 6 10 Parameter
- Number of TBs and TTI List       (This IE is repeated for TFI number.)         - Transmission Time Interval       Not Present         - Number of Transport blocks       Reference to TS34.108 clause 6.10 Parameter         - CHOICE Logical Channel list       All         - Semi-static Transport Format information       Reference to TS34.108 clause 6.10 Parameter			Set
- Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Reference to TS34.108 clause 6.10 Parameter     Reference to TS34.108 clause 6.10 Parameter	- Number of TBs and TTLL ist		(This IF is repeated for TFL number.)
- Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     Reference to TS34.108 clause 6.10 Parameter     Reference to TS34.108 clause 6.10 Parameter	- Transmission Time Interval		Not Present
- CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval	- Number of Transport blocks		Reference to TS3/ 108 clause 6 10 Parameter
- CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     Reference to TS34.108 clause 6.10 Parameter			Set
- Semi-static Transport Format information     - Transmission time interval     Reference to TS34.108 clause 6.10 Parameter	- CHOICE Logical Channel list		
- Transmission time interval Reference to TS34.108 clause 6.10 Parameter	- Semi-static Transport Format information		<u> </u>
	- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter

Information Element	Condition	Value/remark
- Type of channel coding		Set Reference to TS34.108 clause 6.10 Parameter
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
- Rate matching attribute		Set Reference to TS34.108 clause 6.10 Parameter
- CRC size		Set Reference to TS34.108 clause 6.10 Parameter Set
CHOICE mode	<u>A1,A2,A3,</u>	FDD
<u>- CPCH set ID</u>	<u>A4,A5,A0</u>	Not Present
DRAC list		Not Present
DL Transport channel information common for all transport channel	<u>A1, A2, A5,</u> A6	Not Present
DL Transport channel information common for all	A3,A4	
- SCCPCH TFCS		Not Present
- CHOICE mode		FDD
- CHOICE DL parameters		<u>Explicit</u>
- CHOICE TFCI Signalling		<u>Normal</u>
- CHOICE TFCS representation		Complete reconfiguration
- CHOICE CTFC Size		Number of bits used must be enough to cover
		all combinations of CTFC from clause
- CTFC information		This IE is repeated for TFC numbers and
- CTEC		reference to TS34.108 clause 6.10.2.4
		Parameter Set
- Power offset information		Not Present
Deleted DL TrCH information	<u>A1, A2, A3,</u> A4, A5,A6	Not Present
Added or Reconfigured DL TrCH information	<u>A1, A2, A5,</u> <u>A6</u>	Not Present
Added or Reconfigured DL TrCH information	<u>A4</u>	2 TrCHs(DCH for DCCH and DCH for DTCH)
- DL Transport channel identity		10
- CHOICE DL parameters		Same as UL
<ul> <li>Uplink transport channel type</li> </ul>		DCH
- UL TrCH identity - DCH quality target		<u>5</u>
- BLER Quality value		Not Present
<ul> <li>Transparent mode signalling info</li> </ul>		Not Present
- Downlink transport channel type		DCH
- CHOICE DL parameters		e Explicit
- TFS		
- CHOICE Transport channel type     Dynamic transport format information		Dedicated transport channel
- RLC Size		Reference to TS34.108 clause 6.10 Parameter
Number of TRe and TTL List		Set (This IF is repeated for TFL number.)
- Dynamic transport format information		(This IE is repeated for TFT number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
- Semi-static Transport Format information		<u>Sei</u>
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
- Type of channel coding		Set Reference to TS34.108 clause 6.10 Parameter
- Coding Rate		Set Reference to TS34.108 clause 6.10 Parameter
		Set

Information Element	Condition	Value/remark
- Pate matching attribute	oonation	Peterence to TS34 108 clause 6 10 Parameter
		Sot
CPC size		Deference to TS24 108 clause 6 10 Peremeter
		Cet
DCH quality target		<u>Set</u>
		2.0
<u>- DLER Quality value</u>		-2.0 Not Drocont
- Transparent mode signaling mit	10	NOLFIESEIIL
Added or Reconfigured DL TrCH Information	<u>A3</u>	DOLL
- Downlink transport channel type		DCH
- DL Transport channel identity		
- CHOICE DL parameters		Explicit
<u>- 1FS</u>		
- CHOICE Transport channel type		Dedicated transport channel
- Dynamic transport format information		
- RLC Size		Reference to 1534.108 clause 6.10 Parameter
		Set (The set of the se
- Number of TBs and TTLList		(This IE is repeated for TFI number.)
- Dynamic transport format information		
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Semi-static Transport Format information</li> </ul>		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<u>Coding Rate</u>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<u>- CRC size</u>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>DCH quality target</li> </ul>		
- BLER Quality value		<u>-2.0</u>
<ul> <li>Transparent mode signalling info</li> </ul>		Not Present
Frequency info	<u>A1,A2,A3,</u>	
	<u>A4,A5,A6</u>	
- UARFCN uplink (Nu)		Reference to clause 5.1 Test frequencies
- UARFCN downlink (Nd)		Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	A1,A2,A3,	<u>33dBm</u>
	A4,A5,A6	
CHOICE channel requirement	A1, A2, A3,	Uplink DPCH info
	A4	
-Uplink DPCH power control info		
- DPCCH power offset		-6dB
- PC Preamble		1 frame
- SRB delay		7 frames
- Power Control Algorithm		Algorithm1
- TPC step size		1dB
- Scrambling code type		Long
- Scrambling code number		$\frac{1}{0}$ (0 to 16777215)
- Number of DPDCH		Not Present(1)
- spreading factor		Reference to TS34 108 clause 6 10 Parameter
		Set
- TECL existence		Reference to TS34 108 clause 6 10 Parameter
		Set
- Number of FBI bit		Beference to TS3/ 108 clause 6 10 Parameter
		Set
- Pupcturing Limit		Beference to TS3/ 108 clause 6 10 Parameter
		Sot
CHOICE channel requirement		Not Procent
	<u>AU, AU</u>	
	<u>A1,A2,A3,</u>	עטי
Downlink DDSCI Linformation	<u>A4,A5,A6</u>	Not Dropont
- DOWNIINK PDSCH INTORMATION		Not Present
Downlink information common for all radio links	<u>A5, A6</u>	NOT Present
Downlink information common for all radio links	<u>A1, A2, A3</u>	

Information Element	<b>Condition</b>	Value/remark
- Downlink DPCH info common for all RL		
<ul> <li>Timing indicator</li> </ul>		Maintain
<ul> <li>CFN-targetSFN frame offset</li> </ul>		Not Present
<ul> <li><u>Downlink DPCH power control information</u></li> </ul>		
<u> </u>		<u>0 (single)</u>
<u>- CHOICE mode</u>		FDD
<u>- Power offset P<sub>Pilot-DPDCH</sub></u>		$\frac{0}{1}$
- DL rate matching restriction information		Not Present
- Spreading factor		Reference to 1S34.108 clause 6.10 Parameter
Fixed or Flexible Desition		Set
		Reference to 1534.108 clause 6.10 Parameter
TECLovietence		<u>Sel</u> Beforence to TS24 108 clause 6 10 Decemptor
		Sot
		Beference to TS3/ 108 clause 6 10 Parameter
		Set
- DPCH compressed mode info		Not Present
- TX Diversity mode		None
- SSDT information		Not Present
- Default DPCH Offset Value		Not Present
Downlink information common for all radio links	A4	
- Downlink DPCH info common for all RL		
- Timing indicator		Initialise
- CFN-targetSFN frame offset		Not Present
- Downlink DPCH power control information		
- DPC mode		<u>0 (single)</u>
- CHOICE mode		FDD
- Power offset Ppilot-DPDCH		<u>0</u>
<ul> <li>DL rate matching restriction information</li> </ul>		Not Present
<u>Spreading factor</u>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Fixed or Flexible Position		Reference to TS34.108 clause 6.10 Parameter
TEOL		Set
- IFCI existence		Reference to 1534.108 clause 6.10 Parameter
		Sei
- CHOICE SF		Reference to 1534.108 clause 6.10 Parameter
- DPCH compressed mode info		Not Present
- TX Diversity mode		None
- SSDT information		Not Present
- Default DPCH Offset Value		Present Arbitrary set to value 0306688 by
		step of 512
Downlink information per radio link list	A1, A2, A3	
-Downlink information for each radio link		
- Choice mode		FDD
- Primary CPICH info		
<ul> <li>Primary scrambling code</li> </ul>		Ref. to the Default setting in TS34.108 clause
		<u>6.1 (FDD)</u>
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
<u>- Downlink DPCH info for each RL</u>		
- Primary CPICH usage for channel estimation		Primary CPICH may be used
- DPCH frame offset		<u>U chips</u>
- Secondary CPICH Into		Not Present
- Secondary scrambling code		
<u>- channelisation code</u>		
<u>- DL Chalinelisation code</u>		2
- Spreading factor		E Reference to TS3/ 108 clause 6 10 Parameter
		Sof
- Code number		
- Scrambling code change		× No change
- TPC combination index		
- SSDT Cell Identity		× Not Present
- Closed loop timing adjustment mode		Not Present
- SCCPCH information for FACH		Not Present
Downlink information per radio link list	Δ4	

Information Element	<b>Condition</b>	Value/remark
-Downlink information for each radio link		
- Choice mode		FDD
- Primary CPICH info		
- Primary scrambling code		Ref. to the Default setting in TS34.108 clause
		6.1 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>		Primary CPICH may be used
- DPCH frame offset		Set to value : Default DPCH Offset Value mod
		<u>38400</u>
- Secondary CPICH info		Not Present
<ul> <li>Secondary scrambling code</li> </ul>		
<u>- channelisation code</u>		
- DL channelisation code		
<ul> <li>Secondary scrambling code</li> </ul>		<u>2</u>
<ul> <li><u>Spreading factor</u></li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<u> </u>		<u>0</u>
<ul> <li>Scrambling code change</li> </ul>		No change
- TPC combination index		<u>0</u>
<u>- SSDT Cell Identity</u>		Not Present
<ul> <li>Closed loop timing adjustment mode</li> </ul>		Not Present
<ul> <li>SCCPCH information for FACH</li> </ul>		Not Present
<ul> <li>Downlink information for each radio link</li> </ul>	<u>A5</u>	
<u>- Choice mode</u>		FDD
- Primary CPICH info		
<ul> <li>Primary scrambling code</li> </ul>		Ref. to the Default setting in TS34.108 clause
		<u>6.1 (FDD)</u>
<ul> <li>PDSCH with SHO DCH info</li> </ul>		Not Present
<ul> <li>PDSCH code mapping</li> </ul>		Not Present
<ul> <li>Downlink DPCH info for each RL</li> </ul>		Not present
<u>- SCCPCH Information for FACH</u>		Not Present
<ul> <li>Downlink information for each radio link</li> </ul>	<u>A6</u>	
<u>- Choice mode</u>		FDD
- Primary CPICH info		
<ul> <li>Primary scrambling code</li> </ul>		Different from the Default setting in TS34.108
		<u>clause 6.1 (FDD)</u>
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
<ul> <li>Downlink DPCH info for each RL</li> </ul>		Not Present
- Secondary CCPCH info		Not Present

Conc	dition	Explanation	
<u>A1</u>		This IE need for "Non speech in CS"	
<u>A2</u>		This IE need for "Speech in CS"	
<u>A3</u>		This IE need for "Packet to CELL_DCH from CELL_DCH in PS"	
A4		This IE need for "Packet to CELL_DCH from CELL_FACH in PS"	
A5		This IE need for "Packet to CELL_FACH from CELL_DCH in PS"	
<u>A6</u>		This IE need for "Packet to CELL_FACH from CELL_FACH in PS"	

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# Contents of RADIO BEARER RECONFIGURATION FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identitifer	Checked to see if it is set to identical value of the same IE
	in the downlink RADIO BEARER RECONFIGURATION
	message.
Integrity check info	The presence if this IE is dependent on IXIT statements in
	TS 34.123-2. if integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Checked to see if it meets test requirement
Radio bearers for which reconfiguration would have	Not checked
succeeded List	

# Contents of RADIO BEARER RECONFIGURATION COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
	the downlink RADIO BEARER RECONFIGURATION
	COMPLETE message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall
	be absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked
CHOICE mode	FDD
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM and
	(b) UE is transiting to CELL_DCH state after the
	reconfiguration procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

# Contents of RADIO BEARER RELEASE message: AM or UM

Information Element		Value/remark
Message Type	<u>A1, A2, A3,</u>	
	<u>A4, A5, A6,</u>	
	<u>A7, A8</u>	
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3
Integrity check into		The presence of this IE is dependent on IXIT
		statements in 15 34.123-2. If integrity
		present with the values of the sub IEs as
		stated below. Else this IF and the sub-IFs are
		omitted.
- message authentication code		SS calculates the value of MAC-I for this
		message and writes to this IE.
- RRC message sequence number		SS provides the value of this IE, from its
		internal counter.
Integrity protection mode info		Not Present
Ciphering mode info		Not Present
Activation time	<u>A1, A2, A3,</u>	(256+CFN-(CFN MOD 8 + 8))MOD 256
	<u>A4, A7, A8</u>	Net Deserve
	<u>A5, A6</u>	Not Present
New C PNTI		Not Present
	<u>A1,A2,A3,</u>	Not Present
	<u>A4</u> A5 A6 A7	1010 1010 1010 1010
	<u>A8, A0, A7,</u>	
New DSCH-RNTI	A1 A2 A3	Not Present
	A4, A5, A6,	
	A7, A8	
RRC State indicator	A1,A2, A3,	CELL DCH
	A4	
RRC State indicator	A5, A6, A7,	CELL FACH
	<u>A8</u>	
UTRAN DRX cycle length coefficient	<u>A1,A2,A3,</u>	Not Present
	<u>A4,A5,A6,</u>	
	<u>A7, A8</u>	
CN information info		Not Present
Signalling Connection release indication		Not Present
URA identity		Not Present
RAB Information to reconligure list		Not Present
<u>RD Information to release</u>	<u>A1,A2, A7,</u> A8	
- RB identity	<u>70</u>	10
RB information to release	A2 A8	
- RB identity	<u>/(L, / (C</u>	11
RB information to release	A2, A8	
- RB identity		12
RB information to release	<u>A3, A4, A5,</u>	
	<u>A6</u>	
- RB identity		<u>20</u>
RB information to be affected	<u>A1,A2,</u>	Not Present
	<u>A3,A4,A5,</u>	
	<u>A6, A7, A8</u>	
Downlink counter synchronisation into	<u>A1,A2,A3,</u>	Not Present
	<u>A4,A5,A6,</u>	
III. Transport channel information for all transport		TECS reconfigured to fit the new transport
	<u>A1, A2, A3,</u> A4, A5, A6	channel configuration
UI Transport channel information for all transport	A5 A6	Not Present
channels	<u>710, 710</u>	
Deleted UL TrCH Information	A1.A2.A3	
	A7, A8, A4	
- Uplink transport channel type		DCH
- Transport channel identity		1
Deleted UL TrCH Information	<u>A2, A8</u>	
- Uplink transport channel type		DCH
- Transport channel identity		2

Information Element		Value/remark
	A2 A8	rando, romana
- Unlink transport channel type	<u>A2, A0</u>	рсн
- Transport channel identity		3
Deleted III. TrCH Information	A4 A5 A6	⊻ Not Present
Added or Reconfigured III. TrCH information	<u>A4, A6, A7</u>	Not Present
	<u>A4, A0, A7,</u> <u>A8</u>	
Added or Reconfigured UL TrCH information	<u>A1, A2, A3,</u> A5	<u>TrCHs(DCH for DCCH )</u>
- Uplink transport channel type		DCH
- UL Transport channel identity		5
- TFS		
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		
- RLC Size		According to TS34.108 clause 6.10.2.4.1.3
		(standalone 13.6 kbps signalling radio bearer)
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Transmission Time Interval		According to TS34.108 clause 6.10.2.4.1.3
		(standalone 13.6 kbps signalling radio bearer)
- Number of Transport blocks		According to TS34.108 clause 6.10.2.4.1.3
		(standalone 13.6 kbps signalling radio bearer)
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		According to TS34.108 clause 6.10.2.4.1.3
		(standalone 13.6 kbps signalling radio bearer)
- Type of channel coding		According to TS34.108 clause 6.10.2.4.1.3
		(standalone 13.6 kbps signalling radio bearer)
- Coding Rate		According to TS34.108 clause 6.10.2.4.1.3
		(standalone 13.6 kbps signalling radio bearer)
<ul> <li><u>- Rate matching attribute</u></li> </ul>		According to TS34.108 clause 6.10.2.4.1.3
		(standalone 13.6 kbps signalling radio bearer)
<u> </u>		According to TS34.108 clause 6.10.2.4.1.3
		(standalone 13.6 kbps signalling radio bearer)
DL Transport channel information for all transport	<u>A1, A2, A3,</u>	TFCS reconfigured to fit the new transport
<u>channels</u>	<u>A4, A5, A6,</u>	channel configuration.
	<u>A7, A8</u>	
DL Transport channel information for all transport	<u>A5, A6</u>	Not Present
<u>Channels</u>		
Deleted DL TrCH Information	<u>A1, A2, A3,</u>	
Develiels transmert abore all time	<u>A7, A8,A4</u>	DOLL
- Downlink transport channel type		
- Transport channel definity		<u>0</u>
- Downlink transport channel type	<u>AZ, AO</u>	рсн
- Transport channel identity		7
Deleted DL TrCH Information	A2 A8	<u>_</u>
- Downlink transport channel type	<u>//2, //0</u>	DCH
- Transport channel identity		8
Deleted DL TrCH Information	A4, A5, A6	Not Present
Added or Reconfigured DL TrCH information	A4, A6, A7,	Not Present
- Addod of Hoodingarod DE Horn monnation	A8	
Added or Reconfigured DL TrCH information	A1, A2, A3,	1 TrCHs(DCH for DCCH)
	A5	
- Downlink transport channel type		DCH
- DL Transport channel identity		10
- CHOICE DL parameters		Same as UL
- Uplink transport channel type		DCH
- UL TrCH identity		5
- DCH quality target		
- BLER Quality value		Not Present
- Transparent mode signalling info		Not Present
Frequency info	A1,A2.A3.	
	A4,A5,A6.	
	A7, A8	
- UARFCN uplink (Nu)		Reference to clause 5.1 Test frequencies
- UARFCN downlink (Nd)		Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power		33dBm

Information Element		Value/remark
CHOICE channel requirement	<u>A5, A6, A7,</u>	Not Present
	A8 A1 A2 A3	
	A1,A2,A3, A4	
- Uplink DPCH power control info		
- DPCCH power offset		<u>-6dB</u>
<u> </u>		<u>1 frame</u>
- SRB delay - Power Control Algorithm		Algorithm1
- TPC step size		1dB
- Scrambling code type		Long
- Scrambling code number		0 (0 to 16777215)
- Number of DPDCH		Not Present(1)
- spreading factor		Reference to 1S34.108 clause 6.10 Parameter
- TECI existence		Sel Reference to TS34 108 clause 6 10 Parameter
		Set
- Number of FBI bit		Reference to TS34.108 clause 6.10 Parameter
		Set
- Puncturing Limit		Reference to TS34.108 clause 6.10 Parameter
		Set
	<u>A1,A2,A3,</u>	FDD
	A7, A8	
- Downlink PDSCH information	<u>, , , , , , , , , , , , , , , , , , , </u>	Not Present
Downlink information common for all radio links	<u>A5, A6,</u>	Not Present
	<u>A7, A8</u>	
Downlink information common for all radio links	<u>A1,A2, A3</u>	
- Downlink DPCH into common for all RL Timing indicator		Mointoin
- CEN-targetSEN frame offset		Not Present
- Downlink DPCH power control information		
- DPC mode		<u>0 (single)</u>
- CHOICE mode		FDD
<u>– Power offset P<sub>Pilot</sub>-DPDCн</u>		
- DL rate matching restriction information		Not Present Reference to TS24 108 clouce 6 10 Decemptor
		Set
- Fixed or Flexible Position		Reference to TS34.108 clause 6.10 Parameter
		Set
- TFCI existence		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE SF		Reference to 1534.108 clause 6.10 Parameter
- DPCH compressed mode info		Not Present
- TX Diversity mode		None
- SSDT information		Not Present
- Default DPCH Offset Value		Not Present
Downlink information common for all radio links	<u>A4</u>	
- DOWNLINK DPCH INTO COMMON FOR All RL		Maintain
- CFN-targetSFN frame offset		Not Present
- Downlink DPCH power control information		
- DPC mode		<u>0 (single)</u>
- CHOICE mode		FDD
<u>- Power offset P<sub>Pilot-DPDCH</sub></u>		0 Net Dreset
- DL rate matching restriction information		Not Present Reference to TS34 108 clause 6 10 Parameter
		Set
- Fixed or Flexible Position		Reference to TS34.108 clause 6.10 Parameter
		Set
- TFCI existence		Reference to TS34.108 clause 6.10 Parameter
		Set
		Reference to 1534.108 clause 6.10 Parameter
- DPCH compressed mode info		Not Present
- TX Diversity mode		None

Information Element		Value/remark
<u>- SSDT information</u>		Not Present
<ul> <li>Default DPCH Offset Value</li> </ul>		Arbitrary set to value 0306688 by step of 512
Downlink information for each radio link list	<u>A1,A2,A3</u>	
-Downlink information for each radio link		
- Choice mode		FDD
- Primary CPICH info		
- Primary scrambling code		Ref. to the Default setting in TS34.108 clause
		6.1 (FDD)
<ul> <li>PDSCH with SHO DCH info</li> </ul>		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		
- Primary CPICH usage for channel estimation		Primary CPICH may be used
- DPCH frame offset		0 chips
- Secondary CPICH info		Not Present
- Secondary scrambling code		
- channelisation code		
- DL channelisation code		
- Secondary scrambling code		3
- Spreading factor		$\stackrel{\simeq}{}$ Reference to TS34 108 clause 6 10 Parameter
		Sot
- Code number		
Scrambling code change		<u>V</u> No chango
		U Not Brocent
<u>- SSDT Cell Identity</u>		Not Present
- Closed loop timing adjustment mode		Not Present
- SCCPCH information for FACH		Not Present
Downlink information for each radio link list	<u>A4</u>	
<u>-Downlink information for each radio link</u>		
<u> </u>		FDD
- Primary CPICH info		
<ul> <li>Primary scrambling code</li> </ul>		Ref. to the Default setting in TS34.108 clause
		<u>6.1 (FDD)</u>
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
<ul> <li>Downlink DPCH info for each RL</li> </ul>		
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>		Primary CPICH may be used
- DPCH frame offset		Set to value : Default DPCH Offset Value mod
		38400
- Secondary CPICH info		Not Present
- Secondary scrambling code		
- channelisation code		
- DL channelisation code		
- Secondary scrambling code		3
- Spreading factor		Peterance to TS34 108 clause 6 10 Parameter
		Sot
Cada number		
<u> </u>		
		<u>no change</u>
<u>- SSDT Cell Identity</u>		Not Present
- Closed loop timing adjustment mode		Not Present
- SCCPCH information for FACH		Not Present
<u>- Downlink information for each radio link</u>	<u>A5, A7, A8</u>	
- Choice mode		<u>FDD</u>
- Primary CPICH info		
<ul> <li>Primary scrambling code</li> </ul>		Ref. to the Default setting in TS34.108 clause
		<u>6.1 (FDD)</u>
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		Not present
- SCCPCH information for FACH		Not Present
- Downlink information for each radio link	A6	Not Present

Condition	Explanation	
<u>A1</u>	This IE need for "Non speech in CS"	
<u>A2</u>	This IE need for "Speech in CS"	
<u>A3</u>	This IE need for "Packet to CELL_DCH from CELL_DCH in PS"	
<u>A4</u>	This IE need for "Packet to CELL_DCH from CELL_FACH in PS"	
<u>A5</u>	This IE need for "Packet to CELL_FACH from CELL_DCH in PS"	
<u>A6</u>	This IE need for "Packet to CELL_FACH from CELL_FACH in PS"	
<u>A7</u>	This IE need for "Non speech to CELL FACH from CELL DCH in CS"	
<u>A8</u>	This IE need for "Speech to CELL_FACH from CELL_DCH in CS"	

# Contents of RADIO BEARER RELEASE COMPLETE message: AM

Message Type	
RRC transaction identifier	Checked to see the value is identical to the same IE in the downlink RADIO BEARER RELEASE message.
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent.
- Message authentication code	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.
Uplink integrity protection activation info CHOICE mode	Not checked. FDD
COUNT-C activation time	The UE shall include this IE if the following two conditions are fulfilled: (a) The RADIO BEARER RELEASE message did not contain the IE "Ciphering activation time for DPCH" and (b) The RADIO BEARER RELEASE message established the first RB(s) mapped to RLC-TM for a CN domain or released the last RB(s) mapped to RLC-TM for a CN domain. The presence of this IE depends on the following 2 factors: (a) There exists RB(s) mapped to RLC-TM and (b) UE is transiting to CELL_DCH state after the RB release procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	If ciphering is not activated in RADIO BEARER RELEASE message, this IE must be absent. Else, SS checks this IE for the presence of activation times of all ciphered uplink RLC-UM and RLC-AM RBs.
Uplink counter synchronisation info	Not checked

### Contents of RADIO BEARER RELEASE FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identitifer	Checked to see if it is set to identical value of the same IE
	in the downlink RADIO BEARER RELEASE message.
Integrity check info	The presence if this IE is dependent on IXIT statements in
	TS 34.123-2. if integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Checked to see if it meets test requirement
Radio bearers for which reconfiguration would have	Not checked
succeeded	

# Contents of RRC CONNECTION REQUEST message: TM

	Information Element	Value/remark
	Message Type	
	Initial UE identity	
	- CHOICE UE id type	
	- TMSI and LAI IMSI (GSM-MAP)	Set to the UE's IMSI (GSM-MAP) or TMSI and LAI.
Č.	Establishment cause	To be checked against requirement if specified
	Protocol error indicator	FALSE
	Measured results on RACH	To be checked against requirement if specified Not
		checked

# Contents of RRC CONNECTION REJECT message: UM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Initial UE identity	Select the same type as in the IE "Initial UE Identity" in
	RRC CONNECTION REQUEST" message.
Rejection cause	<u>Unspecified</u>
<u>Wait Time</u>	<u>0</u>
Redirection info	Not Present

# Contents of RRC CONNECTION RELEASE message: UM

Information Element	Value/remark
Message Type	
U-RNTI - SRNC identity - S-RNTI	This IE is set to the following value when the message is transmitted on the CCCH. When transmitted on DCCH, this is absent. 0000 0000 0001B 0000 0000 0000 0000 000
RRC transaction identifier	Arbitrarily selects an integer between 0 and 30
Integrity check info	<ul> <li>The presence of this IE depends on 2 factors:</li> <li>(a) IXIT statements in TS 34.123-2: If integrity protection is indicated to be active, this IE is present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs are omitted.</li> <li>(b) This IE is present when this message is transmitted on downlink DCCH. Else, this IE and the sub-IEs are omitted.</li> </ul>
- Message authentication code	SS calculates the value of MAC-I for this message and writes to this IE.
<ul> <li>RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
N308	2 (for CELL_DCH state). Not Present (for UE in other connected mode states).
Release cause	Normal event
Rplmn information	Not Present

# Contents of RRC CONNECTION RELEASE COMPLETE message: AM or UM

Information Element	Semantics description
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the value of the same IE transmitted in the downlink RRC
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
- Message authentication code	Checked to see if it's identical to the value of XMAC-I calculated by the SS
- RRC Message sequence number	Checked to see if it is present. This number is used by the SS to compute the XMAC-I
Error indication	Not checked

# Contents of RRC CONNECTION SETUP message: UM (Transition to CELL\_DCH)

ĺ	Information Element	Value/remark
	Message Type	
	Initial UE identity	Select the same identity as in the IE "Initial UE Identity" in
		received RRC CONNECTION REQUEST" message
	RRC transaction identifier	Arbitrarily selects an integer between 0 and $3\theta$
	Activation time	Not Present(Now)
	New U-RNTI	
	- SRNC identity	0000 0000 0001B
	- S-RNTI	0000 0000 0000 0000 0001B
	New C-RNTI	Not present/0000.0000.0001B
	RRC State Indicator	
	LITRAN DRX cycle length coefficient	
	Canability undate requirement	Not Present
	- UE radio access EDD canability update	
		INOL
	- UE radio access TDD canability update	FALSE
	requirement	
	- System specific capability update requirement list	Com
	Signalling PR information to cotup	
	BR identity	Not present
	CHOICE BLC info turo	
	- RLC INTO	
		UM RLC
	- Transmission RLC discard	Not Present
		Himer based no explicit
		<del>50</del>
	- CHOICE Downlink RLC mode	UM RLC
	- RB mapping info	
	<ul> <li>Information for each multiplexing option</li> </ul>	2 RBMuxOptions
	<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
	<ul> <li>Number of RLC logical channels</li> </ul>	1
	<ul> <li>Uplink transport channel type</li> </ul>	DCH
	- UL Transport channel identity	5
	- Logical channel identity	1
	- CHOICE RI C size list	Configured
	- MAC logical channel priority	1
	- Downlink RI C logical channel info	
	- Number of PLC logical channels	1
	- Number of NEO logical channels	
	DL DCH Transport channel identity	10
	- DL DCH Transport channel identity	IU Not Drocont
	- RLC logical channel mapping indicator	
	- Number of KLC logical channels	
	- Uplink transport channel type	RACH
	- UL Transport channel identity	Not Present
	- Logical channel identity	1
	- CHOICE RLC size list	Explicit List
	- RLC size index	According to TS34.108 clause 6.10.2.4.1.3 (standalone
		13.6 kbps signalling radio bearer)Reference to TS34.108
		clause 6 Parameter Set
	<ul> <li>MAC logical channel priority</li> </ul>	2
	<ul> <li>Downlink RLC logical channel info</li> </ul>	
	<ul> <li>Number of RLC logical channels</li> </ul>	1
	- Downlink transport channel type	FACH
	- DL DCH Transport channel identity	Not Present
	- DL DSCH Transport channel identity	Not Present
	- Logical channel identity	1
	Signalling RB information to setup	(AM DCCH for RRC)
	- RB identity	Not Present <del>2</del>
	- CHOICE RI C info type	
	- RI C info	
	- CHOICE Unlink RI C mode	AMRIC
	- Transmission RLC discard	
	- SDI L discard mode	No dispardMax DAT retransmissions
		115
		410

	Information Element	Value/remark
1	- Timer MRW	100
		4
	- Transmission window size	<u>12</u> 8
	- Timer_RST	500
	- Max_RST	4
	- Polling info	
	- Timer_poll_prohibit	200
1	- limer_poll	200
1		Not present
	- Full_SDU	
	- Last retransmission PDU poll	
1	- Poll Windows	99
	- Timer_poll_periodic	Not Present
	- CHOICE Downlink RLC mode	AM RLC
	- In-sequence delivery	TRUE
	<ul> <li>Receiving window size</li> </ul>	<u>12</u> 8
	- Downlink RLC status info	
1	- Timer_status_prohibit	200
I	- Timer_EPC Missing DDL indicator	Not present 200
1	- Missing PDU Indicator	I RUE Not Present
I	- RB manning info	NOL FIESEIIL
	- Information for each multiplexing option	2 RBMuxOptions
	- RLC logical channel mapping indicator	Not Present
	- Number of RLC logical channels	1
	- Uplink transport channel type	DCH
	- UL Transport channel identity	5
	- Logical channel identity	2
	- CHOICE RLC size list	Configure
	- MAC logical channel priority	2
	- DOWNIINK RLC logical channel info	1
	- Number of REC logical channels	
	- DL DCH Transport channel identity	10
	- DL DSCH Transport channel identity	Not Present
	- Logical channel identity	2
	- RLC logical channel mapping indicator	Not Present
	<ul> <li>Number of RLC logical channels</li> </ul>	1
	<ul> <li>Uplink transport channel type</li> </ul>	RACH
	- UL Transport channel identity	Not Present
	- Logical channel identity	2 Explicit List
1	- UNUCE RLU SIZE IISI PL C size index	Explicit List According to TS24 108 clause 6 10 2 4 1 2 (standalone
		13.6 kbps signalling radio bearer)
		clause 6 Parameter Set
'	- MAC logical channel priority	3
	- Downlink RLC logical channel info	
	- Number of RLC logical channels	1
	<ul> <li>Downlink transport channel type</li> </ul>	FACH
	- DL DCH Transport channel identity	Not Present
	- DL DSCH Transport channel identity	Not Present
	- Logical channel identity	2 (AM DCCH for NAS, DT High priority)
1	- RB identity	Not Present3
1	- CHOICE RI C info type	
	- RLC info	
	- CHOICE Uplink RLC mode	AM RLC
	- Transmission RLC discard	
	- SDU discard mode	No discard Max DAT retransmissions
	- MAX_DAT	4 <u>15</u>
		100
	- MaxMKW Tronomingion window size	4
1	- Hansmission window Size	500
	- Max RST	4
	- Polling info	

1	Information Flomont	Value/romark
		Value/IeIIIalK
	<ul> <li>I imer_poll_prohibit</li> </ul>	200
	- Timer_poll	200
	- Poll PDU	Not present
	- Poll SDU	1
	Last transmission PDLL poll	
	- Last retransmission PDU poll	IRUE
	- Poll_Window <del>s</del>	99
	- Timer_poll_periodic	Not Present
	- CHOICE Downlink RLC mode	AM RLC
	- In-sequence delivery	TRUE
1	Dessiving window size	
1		<u>12</u> 0
	- Downlink RLC status info	
	- Timer_status_prohibit	200
	- Timer_EPC	Not present <del>200</del>
	- Missing PDU indicator	TRUE
1	- Timer STATUS periodic	Not Present
1	DB manning info	
	- RB mapping into	
	<ul> <li>Information for each multiplexing option</li> </ul>	2 RBMuxOptions
	<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
	- Number of RLC logical channels	1
	- Uplink transport channel type	DCH
	- III Transport channel identity	5
		о С Г – Г
	- CHOICE RLC size list	Configured
	<ul> <li>MAC logical channel priority</li> </ul>	3
	<ul> <li>Downlink RLC logical channel info</li> </ul>	
	- Number of RLC logical channels	1
	- Downlink transport channel type	рсн
	DL DCH Transport channel identity	10
	- DL DCH Transport channel identity	
	- DL DSCH Transport channel identity	Not Present
	<ul> <li>Logical channel identity</li> </ul>	3
	<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
	- Number of RLC logical channels	1
	- Unlink transport channel type	RACH
	- Opinik transport channel identity	Net Present
	- OL Transport channel identity	Not Present
	- Logical channel identity	3
	- CHOICE RLC size list	Explicit List
	- RLC size index	According to TS34.108 clause 6.10.2.4.1.3 (standalone
		13.6 kbps signalling radio bearer)
		clause 6 Parameter Set
1	MAC logical channel priority	
	- MAC logical channel phonty	4
	- Downlink RLC logical channel info	
	<ul> <li>Number of RLC logical channels</li> </ul>	1
	<ul> <li>Downlink transport channel type</li> </ul>	FACH
	- DL DCH Transport channel identity	Not Present
	- DL DSCH Transport channel identity	Not Present
	- Logical channel identity	3
	- Logical chamiler locifility	(AM DCCH for NAS, DT Low priority)
	- RB identity	Not present4
	- CHOICE RLC info type	
	- RLC info	
	- CHOICE Uplink RLC mode	AM RLC
	- Transmission RI C discard	-
	- SDLL discard mode	No discardMax DAT retransmissions
		115 115 115 115 115 115 115 115 115 115
		410
		100
		4
	- Transmission window size	<u>12</u> 8
	- Timer_RST	500
	- Max RST	4
	- Polling info	
	Timor poll probibit	200
	- rimer_poil_pronibit	200
, I	- IImer_poli	200
	- Poll PDU	Not present
	- Poll_SDU	1
	- Last transmission PDU poll	TRUE
	- Last retransmission PDU poll	TRUE
		···-=

Information Element	Value/remark
- Poll_Window <del>s</del>	99
- Timer_poll_periodic	Not Present
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	<u>12</u> 8
- Downlink RLC status info	
- limer_status_prohibit	200
- Timer_EPC	Not Present <sup>200</sup>
- Missing PDU indicator	I RUE Net Present
- TIMELSTATUS_PERIODIC PR manping info	Not Present
- Information for each multiplexing option	2 RBMuxOntions
- PLC logical channel manning indicator	2 NDMUXOPIIONS
- Number of RLC logical channels	1
- Uplink transport channel type	рсн
- UL Transport channel identity	5
- Logical channel identity	4
- CHOICE RLC size list	Configured
<ul> <li>MAC logical channel priority</li> </ul>	4
- Downlink RLC logical channel info	
<ul> <li>Number of RLC logical channels</li> </ul>	1
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>	10
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
- Logical channel identity	4
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	
- Oplink transport channel type	RACH Net Breezent
- OL Transport channel identity	
	4 Explicit List
- BLC size index	According to TS34 108 clause 6 10 2 4 1 3 (standalone
	13.6 kbps signalling radio bearer)
	clause 6 Parameter Set
- MAC logical channel priority	5
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
<ul> <li>Downlink transport channel type</li> </ul>	FACH
<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
- Logical channel identity	4
UL Transport channel information for all transport	
channels	
- PRACH IFCS	Not Present
- CHOICE Mode	FDD Nor Brogent
	NorFresent
- CHOICE TECI signalling	Normal
- TECL Field 1 information	Norman
- CHOICE TFCS representation	Addition
- TFCS complete reconfigure	
- CHOICE CTFC Size	2bit CTFC
- CTFC information	This IE is repeated for TFC numbers according to
	TS34.108 clause 6.10.2.4.1.3 (standalone 13.6 kbps
	signalling radio bearer)and reference to TS34.108 clause
	<del>6.10</del>
- CTFC	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	13.6 Kbps signalling radio bearer)Reference to TS34.108
Dower offect information	Ciause 6.10 Parameter Set
- Power offset information	Computed Cain Easters/The last TEC is get to Computed
	Signalled Gain Factors)
- Gain factor Ro	11 (below 64 kbns)
	9 (higher than 64 kbps)
	(Not Present if the above is set to Computed Gain Factors)
- Gain factor ßd	15
	(Not Present if the above is set to Computed Gain Factors)
•	• • • • • • • •

Information Element	Value/remark
- Reference TEC ID	0
- CHOICE mode	FDD
- Power offset Pp-m	Not Present
Added or Reconfigured UL TrCH information	
<ul> <li>Uplink transport channel type</li> </ul>	DCH
<ul> <li>UL Transport channel identity</li> </ul>	5
- TFS	
<ul> <li>CHOICE Transport channel type</li> </ul>	Dedicated transport channels
- Dynamic Transport format information	
- RLC size	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	<u>13.6 kbps signalling radio bearer</u> Reference to clause 6.10
Number of TDs and TTL lists	Arameter Set
- Number of TBS and TTT lists	(This IE is repeated for TFT humber)
	According to 1334, 100 clause 0, 10,2,4, 1,3 (standalone 13.6 kbps signalling radio bearer)Reference to TS34, 108
	clause 6 10 Parameter Set
- Number of Transport blocks	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	13.6 kbps signalling radio bearer)Reference to TS34.108
	clause 6.10 Parameter Set
- CHOICE Logical channel list	All
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	13.6 kbps signalling radio bearer)Reference to clause 6.10
	Parameter Set
- Type of channel coding	According to 1S34.108 clause 6.10.2.4.1.3 (standalone
	13.6 Kops signalling radio bearer Keterence to clause 6.10
Coding Poto	According to TS24 109 clause 6 10 2 4 1 2 (standalone
	13.6 kbps signalling radio bearer)Reference to clause 6.10
	Parameter Set
- Rate matching attribute	According to TS34.108 clause 6.10.2.4.1.3 (standalone
<b>3 1 1 1</b>	13.6 kbps signalling radio bearer)Reference to clause 6.10
	Parameter Set
- CRC size	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	<u>13.6 kbps signalling radio bearer)Reference to clause 6.10</u>
	Parameter Set
DL Transport channel information common for all	
	Net Present
- SUCPUT IFUS	
	Same as III
Added or Reconfigured DL TrCH information	
- Downlink transport channel type	DCH
- DL Transport channel identity	10
- CHOICE DL parameters	Same as UL
- Uplink transport channel type	DCH
- UL TrCH Identity	5
- DCH quality target	
- BLER Quality value	- <u>2.0</u> -6.3
- Fransparent mode signalling into	Not Present
	Reference to clause 5.1 Test frequencies
	Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	Not Present <del>33dBm</del>
Uplink DPCH info	
- Uplink DPCH power control info	
- DPCCH power offset	-6dB
- PC Preamble	1 frame
- SRB delay	7 frames
- Power Control Algorithm	Algorithm1
- I PU step size	10B
- Scrambling code type	LONG 0 (0 to 16777215)
- Scramping code number - Number of DPDCH	Not Present(1)
- Spreading factor	According to TS34 108 clause 6 10 2.4 1.3 (standalone
	13.6 kbps signalling radio bearer)
	clause 6 10 Parameter Set

Information Element	Value/remark
- TFCI existence	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	<u>13.6 kbps signalling radio bearer)</u> Reference to TS34.108
Number of CDI hit	Clause 6.10 Parameter Set
- Number of FBI bit	According to 1534.108 clause 6.10.2.4.1.3 (standalone
	13.0 Kbps Signaling Tablo Dearen Acterence to 1334.100
- Puncturing Limit	According to TS34 108 clause 6 10 2 4 1 3 (standalone
	13.6 kbps signalling radio bearer)
	clause 6.10 Parameter Set
Downlink information common for all radio links	
<ul> <li>Downlink DPCH info common for all RL</li> </ul>	
- Timing Indication	Initialise
- CFN-targetSFN frame offset	
- CHOICE Mode	
- DPC mode	0 (single)
- Power offset P Pilot-DPDCH	0
- DL rate matching restriction information	Not Present
- Spreading factor	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	13.6 kbps signalling radio bearer)Reference to TS34.108
	clause 6.10 Parameter Set
- Fixed or Flexible Position	According to 1S34.108 clause 6.10.2.4.1.3 (standalone
	13.0 Kbps Signaling Tablo Dearen Acterence to 1334.100
- TECI existence	According to TS34 108 clause 6 10 2 4 1 3 (standalone
	13.6 kbps signalling radio bearer)
	clause 6.10 Parameter Set
- CHOICE SF	Specifies number of pilot bits. According to TS34.108
	clause 6.10.2.4.1.3 (standalone 13.6 kbps signalling radio
DBCH compressed made info	Dearer) <del>Reference to TS34.108 clause 6.10 Parameter Set</del>
- TX Diversity mode	None
- SSDT information	Not Present
- Default DPCH Offset Value	Arbitrary set to value 0306688 by step of 5120
Downlink information for each radio links list	
- Downlink information for each radio links	
- CHOICE mode	FDD
- Primary CPICH Info	Deference to cloure 6.1 "Default acttings (EDD)"
- PDSCH with SHO DCH info	Not Present
- PDSCH code mapping	Not Present
- Downlink DPCH info for each RL	
- Primary CPICH usage for channel estimation	Primary CPICH may be used
- DPCH frame offset	Set to value : Default DPCH Offset Value mod 384000
Secondary CDICH info	Chips
- Secondary CPICH INTO	
- Secondary scrambling code	1
- Spreading factor	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	13.6 kbps signalling radio bearer)Reference to clause 6.10
	Parameter Set
- Code number	0
- Scrambling code change	Not present No change
- TPC combination index	U Not Present
- SOUT Cell luentily	Not Present
- SCCPCH information for FACH	Not Present
<ul> <li>SCCPCH information for FACH</li> </ul>	Not Present

### Contents of RRC CONNECTION SETUP message: UM (Transition to CELL FACH)

Information Element	Value/remark
Message Type	
Initial UE identity	Select the same identity as in the IE "Initial UE Identity" in
	received RRC CONNECTION REQUEST" message
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Activation time	Not Present (Now)

Information Element	Value/remark
New U-RNTI	
- SRNC identity	0000 0000 0001B
- S-RNTI	0000 0000 0000 0000 0001B
New C-RNTI	0000 0000 0000 0001B
RRC state indicator	CELL_FACH
UTRAN DRX cycle length coefficient	9
Capability update requirement	Not Present
Signalling RB information to setup	(UM DCCH for RRC)
- RB identity	Not present
- CHOICE RLC info type	<u>RLC info</u>
- CHOICE Uplink RLC mode	UM RLC
- Transmission RLC discard	Not present
- SDU discard mode	Not present
- CHOICE Downlink RI C mode	
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RI C logical channel mapping indicator	Not Present
- Number of uplink RI C logical channels	1
- Uplink transport channel type	DCH
- UL Transport channel identity	5
- Logical channel identity	1
- CHOICE RLC size list	Configured
<ul> <li>MAC logical channel priority</li> </ul>	1
<ul> <li>Downlink RLC logical channel info</li> </ul>	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	1
<ul> <li><u>Downlink transport channel type</u></li> </ul>	DCH
- DL DCH Transport channel identity	$\frac{10}{10}$
- DL DSCH Transport channel identity	Not Present
- Logical channel identity RLC logical channel menning indicator	1 Not Present
- Number of unlink PLC logical channels	
- Unlink transport channel type	
- UL Transport channel identity	Not Present
- Logical channel identity	1
- CHOICE RLC size list	Explicit list
- RLC size index	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	13.6 kbps signalling radio bearer)
<u> </u>	2
- Downlink RLC logical channel info	
- Number of downlink RLC logical channels	
- Downlink transport channel type	<u>FACH</u> Not Present
DL DCH Transport channel identity	Not Present
- Logical channel identity	
Signalling RB information to setup	(AM DCCH for BBC)
- RB identity	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	AM RLC
- Transmission RLC discard	
- SDU discard mode	No Discard
<u> </u>	<u>15</u>
	128
- Transmission Window Size	500
- Max RST	
- Polling info	_ <u>→</u>
- Timer poll prohibit	200
- Timer poll	200
- Poll_PDU	Not Present
- Poll SDU	1
<ul> <li>Last transmission PDU poll</li> </ul>	TRUE
<ul> <li>Last retransmission PDU poll</li> </ul>	TRUE
- Poll Windows	99
- Timer_poll_periodic	Not Present
- CHOICE Downlink RLC mode	AM RLC

Information Element	Value/remark
- In-sequence delivery	TRUE
- Receiving window size	128
- Downlink RLC status info	
- Timer status prohibit	200
- Timer_EPC	Not Present
- Missing PDU indicator	TRUE
- Timer_STATUS_periodic	Not Present
- RB mapping info	
<ul> <li>Information for each multiplexing option</li> </ul>	2 RBMuxOptions
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
<ul> <li>Uplink transport channel type</li> </ul>	<u>DCH</u>
<ul> <li>UL Transport channel identity</li> </ul>	<u>5</u>
<ul> <li>Logical channel identity</li> </ul>	$\frac{2}{2}$
- CHOICE RLC size list	Configured
- MAC logical channel priority	2
- Downlink RLC logical channel info	
- Number of downlink RLC logical channels	
- Downlink transport channel type	
DL DCH Transport channel identity	<u>IU</u> Net Present
	2
- Euglical channel manning indicator	∠ Not Present
- REC logical channel mapping indicator	
- Unlink transport channel type	
- III. Transport channel identity	Not Present
- Logical channel identity	2
- CHOICE RI C size list	Explicit list
- RLC size index	According to TS34,108 clause 6,10,2,4,1,3 (standalone
	13.6 kbps signalling radio bearer)
- MAC logical channel priority	3
- Downlink RLC logical channel info	-
- Number of downlink RLC logical channels	1
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	2
Signalling RB information to setup	(AM DCCH for NAS_DT High priority)
- RB identity	Not present
- CHOICE RLC info type	RLC info
<ul> <li>CHOICE Uplink RLC mode</li> </ul>	<u>AM RLC</u>
- Transmission RLC discard	
<u>- SDU discard mode</u>	No Discard
<u>- MAX_DAT</u>	<u>15</u>
	100
- Hansmission Window size	500
	<u>300</u> 4
Polling info	4
- Timer poll prohibit	200
- Timer_poll_profibit	200
	Not Present
- Poll SDU	1
- Last transmission PDU poll	TRUF
- Last retransmission PDU poll	TRUE
- Poll Windows	99
- Timer poll periodic	Not Present
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	128
- Downlink RLC status info	
- Timer_status_prohibit	<u>200</u>
- Timer_EPC	Not Present
- Missing PDU indicator	TRUE
- Timer_STATUS_periodic	Not Present
- RB mapping info	

Information Element	Value/remark
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Uplink transport channel type	DCH
- UL Transport channel identity	5
- Logical channel identity	3
- CHOICE RLC size list	Configured
- MAC logical channel priority	3
- Downlink RLC logical channel info	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	1
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>	<u>10</u>
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	<u>3</u>
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
<ul> <li>Uplink transport channel type</li> </ul>	RACH
- UL DCH Transport channel identity	Not Present
- Logical channel identity	$\frac{3}{2}$
- CHOICE RLC size list	Explicit list
- RLC size index	According to 1S34.108 clause 6.10.2.4.1.3 (standalone
	13.6 kbps signalling radio bearer)
- MAC logical channel priority	4
- Downlink RLC logical channel Info	
- Number of downlink RLC logical channels	
- Downlink transport channel type	<u>FACH</u>
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	
<u>- Logical charmetion to setup</u>	$\frac{2}{\Delta}$
- RB identity	Not Present
	RI C info
- CHOICE Unlink RLC mode	AMRIC
- Transmission RLC discard	
- SDU discard mode	No Discard
- MAX_DAT	15
- Transmission window size	128
- Timer_RST	500
- Max_RST	4
- Polling info	
- Timer_poll_prohibit	<u>200</u>
<u> </u>	<u>200</u>
- Poll PDU	Not Present
- Poll_SDU	1
<ul> <li>Last transmission PDU poll</li> </ul>	TRUE
<ul> <li>Last retransmission PDU poll</li> </ul>	TRUE
- Poll_Windows	<u>99</u>
- limer poll periodic	Not Present
- CHOICE Downlink RLC mode	AMRLC
<u> </u>	
- Receiving window size	<u>128</u>
- DOWNIINK RLC Status Info	200
Timor EPC	200 Not Present
<u> </u>	
	Not Present
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOntions
- RI C logical channel manning indicator	Not Present
- Number of uplink RI C logical channels	1
- Uplink transport channel type	рсн
- UL Transport channel identity	5
- Logical channel identity	4
- CHOICE RLC size list	Configured
- MAC logical channel priority	4

Information Element	Value/romark
	Value/Ternark
- Downlink RLC logical channel into	
- Number of downlink RLC logical channels	
<u>- Downlink transport channel type</u>	
- DL DCH Transport channel identity	$\frac{10}{10}$
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	$\frac{4}{1}$
<ul> <li><u>- RLC logical channel mapping indicator</u></li> </ul>	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	$\frac{1}{2}$
<ul> <li>Uplink transport channel type</li> </ul>	RACH
<ul> <li>UL Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	4
- CHOICE RLC size list	Explicit list
<u> </u>	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	<u>13.6 kbps signalling radio bearer)</u>
<ul> <li>MAC logical channel priority</li> </ul>	<u>5</u>
<ul> <li>Downlink RLC logical channel info</li> </ul>	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	1
<ul> <li>Downlink transport channel type</li> </ul>	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	4
UL Transport channel information for all transport	Not Present
channels	
Added or Reconfigured TrCH information list	TS 25 331 specifies that "Although this IE is not required
	when the IF "RRC state indicator" is set to
	"CELL EACH" need is MP to align with ASN 1"
Added or Peconfigured III TrCH information	
- Added of Reconfigured OL TICITINIONIation	DCH
UL Trensport channel identity	
	<u></u>
	Delivered transport channels
- CHOICE Transport channel type	Delicated transport channels
- Dynamic Transport format Information	Malua 40 manufic in an DLO sing af 444 bits.
- RLC Size	Value 16 results in an RLC size of 144 bits;
	OctetModeType1 ((8*sizeType1)+16).
- Number of TBs and TTT List	List with single entry
- Iransmission Time Interval	Not Present
<ul> <li>Number of Transport blocks</li> </ul>	0
- CHOICE Logical Channel List	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	<u>40 ms</u>
<ul> <li>Type of channel coding</li> </ul>	Convolutional
<u> </u>	<u>1/3</u>
<ul> <li>Rate matching attribute</li> </ul>	<u>160</u>
<u>- CRC size</u>	<u>16</u>
DL Transport channel information common for all	Not Present(Refer to SIB type 5)
transport channel	
Added or Reconfigured TrCH information list	TS 25.331 specifies that "Although this IE is not required
	when the IE "RRC state indicator" is set to
	"CELL_FACH", need is MP to align with ASN.1"
- Added or Reconfigured DL TrCH information	
- Downlink transport channel type	DCH
- DL Transport channel identity	10
- CHOICE DL parameters	Same as UL
- Uplink Transport channel type	DCH
- UL TrCH identity	5
- DCH quality target	Not Present
Frequency info	Not present
Maximum allowed LIL TX newer	Not propert
	Not Present
	Not Present
Downlink information common for all radio links	
Downlink Information for each radio link list	<u>Not present</u>

Information Element	<u>Value/remark</u>

# Contents of RRC CONNECTION SETUP COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the value of the same IE transmitted in the downlink RRC CONNECTION SETUP message.
START list	Not checked
UE radio access capability	Not checked
UE radio access capability extension	Not checked
UE system specific capability	Not checked

# Contents of RRC STATUS message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall
	be absent.
- Message authentication code	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Identification of received message	Not Checked
Protocol error information	
- Protocol error cause	Refer to test requirement.

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# Contents of SECURITY MODE COMMAND message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	
- Message authentication code	Set to an arbitrarily selected 32-bits integer
- RRC Message Sequence Number	Set to an arbitrarily selected integer between 0 and 15
Security capability	
<ul> <li>Ciphering algorithm capability</li> </ul>	
- UEA0	If the UE has indicated support for ciphering algorithm
	UEA0 in the IE "security capability" in the RRC
	CONNECTION SETUP COMPLETE message, this less
	Set to TRUE. If cipnering is not indicated to be active on
	If the UE has indicated support for sinhering algorithm
- OLAT	LIEA1 in the IE "security capability" in the RRC
	CONNECTION SETUP COMPLETE message this IE is
	set to TRUE If ciphering is indicated to be active on IXIT
	statements in TS 34 123-2, set this IF to TRUE.
- Spare	Spare 2-15 = FALSE
- Integrity protection algorithm capability	000000000000010B (UIA1)
- UIA1	TRUE
- Spare	Spare 0 and Spare 2-15 = FALSE
Ciphering mode info	This presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
- Ciphering mode command	Start/restart
- Cipnering algorithm	UEAU or UEA1. The Indicated algorithm must be one of
	the algorithms supported by the OE as indicated in the IE
	COMPLETE message Lise the same ciphering algorithm
	specified in "ciphering algorithm capability" IF in this
	message.
- Ciphering activation time for DPCH	Not Present
- Radio bearer downlink ciphering activation time	
info	
<ul> <li>Radio bearer activation time</li> </ul>	
- RB identity	1
- RLC sequence number	Current RLC SN+2
- RB identity	2
- RLC sequence number	Current RLC SN+2
- RB Identity	3 Current BLC SN + 2
- RE identity	A
- RLC sequence number	Current RLC SN + 2
Integrity protection mode info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-32. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
- Integrity protection mode command	Start
<ul> <li>Downlink integrity protection activation info</li> </ul>	Not Present
<ul> <li>Integrity protection algorithm</li> </ul>	UIA1
- Integrity protection initialisation number	SS selects an arbitrary 32 bits number for FRESH
CN domain identity	CS or PSSupported domain
UE system specific security capability	Not Checked

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# Contents of SECURITY MODE COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the
	value of the same IE transmitted in the downlink
	SECURITY MODE COMMAND message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
- Message authentication code	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
- RRC Message sequence number	I his IE is checked to see if it is present. The value is used
I half a la facta and a succession a stir stir a factor	by SS to compute the XMAC-I value.
De dia has a sur light sight sight stight activation info	Not checked.
Radio bearer uplink cipnering activation time into	If ciphering is not activated in SECURITY MODE
	COMMIAND message, this IE must be absent. Else, SS
	checks this IE for the presence of activation times for all
	ciphered uplink RLC-UM and RLC-AM RBs.

# Contents of SECURITY MODE FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if the value is the identical to the same IE
	in the downlink SECURITY MODE COMMAND message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Refer to test requirement.

#### Contents of TRANSPORT CHANNEL RECONFIGURATION message: AM or UM

Information Element	<b>Condition</b>	Value/remark
Message Type	<u>A1, A2, A3,</u>	
	<u>A4, A5, A6</u>	
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3
Integrity check info		The presence of this IE is dependent on IXIT
		statements in TS 34.123-2. If integrity
		protection is indicated to be active, this IE is
		present with the values of the sub IEs as
		stated below. Else, this IE and the sub-IEs are
		omitted.
<ul> <li>message authentication code</li> </ul>		SS calculates the value of MAC-I for this
		message and writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>		SS provides the value of this IE, from its
		internal counter.
Integrity protection mode info		Not Present
Ciphering mode info		Not Present
Activation time	<u>A1, A2, A3,</u>	(256+CFN-(CFN MOD 8 + 8))MOD 256
	<u>A4,</u>	
Activation time	<u>A5, A6</u>	Not Present
New U-RNTI		Not Present
New C-RNTI	<u>A1, A2, A3,</u>	Not Present
	A4	

Information Element	<b>Condition</b>	Value/remark
New C-RNTI	<u>A5, A6</u>	<u>'1010 1010 1010 1010'</u>
New DSCH-RNTI	<u>A1, A2, A3,</u>	Not Present
	<u>A4, A5, A6</u>	
RRC State indicator	<u>A1, A2, A3,</u>	CELL_DCH
	<u>A4</u>	
RRC State indicator	<u>A5, A6</u>	<u>CELL FACH</u>
UTRAN DRX cycle length coefficient	<u>A1, A2, A3,</u>	Not Present
	<u>A4,A5,A6</u>	
CN information info		Not Present
URA identity		Not Present
Downlink counter synchronisation info		Not Present
UL Transport channel information for all transport	<u>A1, A2, A5,</u>	Not Present
<u>channels</u>	<u>A6</u>	
<u>UL Transport channel information for all transport</u>	<u>A3, A4</u>	
<u>channels</u>		Net Descent
- PRACH IFUS		Not Present
<u>- CHOICE mode</u>		FDD Not Present
		<u>Not Present</u>
<u>- OL DCH TFCS</u>		Normal
- TECL Field 1 information		Normal
		Complete reconfiguration
- TECS complete reconfigure information		<u>Complete reconfiguration</u>
- CHOICE CTEC Size		Number of bits used must be enough to cover
		all combinations of CTEC from TS34,108
		clause 6.10.2.4 Parameter Set.
- CTFC information		This IE is repeated for TFC numbers and
		reference to TS34.108 clause 6.10.2.4
		Parameter Set
CTFC		Reference to TS34.108 clause 6.10.2.4
		Parameter Set
<ul> <li>Power offset information</li> </ul>		
- CHOICE Gain Factors		Computed Gain Factors(The last TFC is set to
		Signalled Gain Factors)
<u> </u>		<u>11 (below 64 kbps)</u>
		<u>9 (higher than 64 kbps)</u>
		(Not Present if the CHOICE Gain Factors is set
		to ComputedGain Factors)
- Gain factor βd		
		(Not Present if the CHOICE Gain Factors is set
Defense TEC ID		to ComputedGain Factors)
- CHUICE MODE		<u>FUU</u> Not Dresent
- Power oliset P p-m	A4 A0 A5	Not Present
Added or Reconfigured UL TrCH information	<u>A1, A2, A5,</u>	<u>INOT Present</u>
ll de la constant de	<u>A0</u>	

Information Element	Condition	Value/remark
Added or Reconfigured III TrCH information	Δ <u>4</u>	2 TrCHs(DCH for DCCH and DCH for DTCH)
- Unlink transport channel type	<u>//+</u>	DCH
- UL Transport channel identity		5
- TFS		<u> </u>
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		<u>.</u>
- RLC Size		Reference to TS34.108 clause 6.10 Parameter
		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Transmission Time Interval		Not Present
<ul> <li>Number of Transport blocks</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>CHOICE Logical Channel list</li> </ul>		All
<ul> <li>Semi-static Transport Format information</li> </ul>		
<ul> <li>Transmission time interval</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
- Coding Rate		Reference to IS34.108 clause 6.10 Parameter
		Set
- Rate matching attribute		Reference to 1S34.108 clause 6.10 Parameter
		Set
<u> </u>		Reference to 1534.108 clause 6.10 Parameter
the Bala term and the second terms		Set
<u>- Uplink transport channel type</u>		DCH
		<u> </u>
<u>- IFO</u> CHOICE Transport shapped type		Dedicated transport abappala
<u>- CHOICE Transport format information</u>		Dedicated transport channels
		Poterance to TS24 108 clause 6 10 Parameter
- KLC SIZE		Set
- Number of TBs and TTLL ist		(This IF is repeated for TFL number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34 108 clause 6 10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<u> </u>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
Added or Reconfigured UL TrCH information	<u>A3</u>	(DCH for DTCH)
- Uplink transport channel type		DCH
<u>- UL Transport channel identity</u>		1
- IFS		
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		Deference to TS24.108 cloures 6.10 Decemeter
- RLC SIZE		Reference to 1534.106 clause 6.10 Parameter
- Number of TRs and TTL List		(This IF is repeated for TFL number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34 108 clause 6 10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34,108 clause 6.10 Parameter
		Set
- Type of channel coding		Reference to TS34.108 clause 6.10 Parameter
		Set
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		Set

Information Element	Condition	Value/remark
- Rate matching attribute		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- CRC size		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
CHOICE mode	<u>A1,A2,A3,</u>	FDD
	<u>A4,A5,A6</u>	
<u>- CPCH set ID</u>		Not Present
<ul> <li>Added or Reconfigured TrCH</li> </ul>		Not Present
information for DRAC list		
DL Transport channel information common for all	<u>A1, A2,</u>	Not Present
transport channel	<u>A5,A6</u>	
DL Transport channel information common for all	<u>A3,A4</u>	
transport channel		
<u>- SCCPCH TFCS</u>		Not Present
- CHOICE mode		FDD
- CHOICE DL parameters		<u>Explicit</u>
<u> </u>		
- CHOICE TFCI Signalling		Normal
- TFCI Field 1 Information		
- CHOICE TFCS representation		Complete reconfiguration
- TFCS complete reconfigure		
- CHOICE CTFC Size		Number of bits used must be enough to cover
		all combinations of CTFC from clause
		TS34.108 clause 6.10.2.4 Parameter Set.
- CIFC information		This IE is repeated for TFC numbers and
		reterence to 1S34.108 clause 6.10.2.4
<u> </u>		Reference to 1S34.108 clause 6.10.2.4
		Parameter Set
- Power offset information		Not Present
Added or Reconfigured DL TrCH information	<u>A1, A2, A5,</u>	Not Present
	A6	

Information Element	Condition	Value/remark
Added or Reconfigured DL TrCH information	A4	2 TrCHs(DCH for DCCH and DCH for DTCH)
- Downlink transport channel type		DCH
- DL Transport channel identity		10
- CHOICE DL parameters		Same as UL
- Uplink transport channel type		DCH
- UL TrCH identity		5
- DCH quality target		
- BLER Quality value		Not Present
- Transparent mode signalling info		Not Present
<ul> <li>Downlink transport channel type</li> </ul>		DCH
<ul> <li>DL Transport channel identity</li> </ul>		<u>6</u>
- CHOICE DL parameters		Explicit
<u> </u>		
<ul> <li>CHOICE Transport channel type</li> </ul>		Dedicated transport channel
<ul> <li>Dynamic transport format information</li> </ul>		
<u> </u>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
<ul> <li>Dynamic transport format information</li> </ul>		
- Transmission Time Interval		Not Present
<ul> <li>Number of Transport blocks</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Semi-static Transport Format information</li> </ul>		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
- Coding Rate		Reference to 1S34.108 clause 6.10 Parameter
		Set
- Rate matching attribute		Reference to 1S34.108 clause 6.10 Parameter
		Set
- URU SIZE		Reference to 1534.108 clause 6.10 Parameter
DCLI quality target		Set
<u> </u>		2.0
- <u>DEER Quality value</u>		Not Present
- Hansparent mode signaling into	A.2	<u>Not Flesent</u>
Added of Reconfigured DL TICH Information	<u>A3</u>	DCH
DL Transport channel identity		
- CHOICE DL parameters		Explicit
- TES		
- CHOICE Transport channel type		Dedicated transport channel
- Dynamic transport format information		<u>Boaloatoa transport onamior</u>
- RIC Size		Reference to TS34.108 clause 6.10 Parameter
		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Dynamic transport format information		<u></u>
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Rate matching attribute		Reference to TS34.108 clause 6.10 Parameter
		Set
- CRC size		Reference to TS34.108 clause 6.10 Parameter
		Set
- DCH quality target		
- BLER Quality value		<u>-2.0</u>
<ul> <li>Transparent mode signalling info</li> </ul>		Not Present
Frequency info	<u>A1,A2,A3,</u>	
	<u>A4,A5,A6</u>	
- UARFCN uplink (Nu)		Reference to clause 5.1 Test frequencies
Information Element	Condition	Value/remark
--	--------------------	---
- UARFCN downlink (Nd)		Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	A1,A2,A3,	<u>33dBm</u>
	<u>A4,A5,A6</u>	
CHOICE channel requirement	<u>A5, A6</u>	Not Present
CHOICE channel requirement	<u>A1, A2, A3,</u>	Uplink DPCH info
	<u>A4</u>	
-Uplink DPCH power control into		0.10
<u> </u>		-b0B 1 framo
- SRB delay		7 frames
- Power Control Algorithm		Algorithm1
- TPC step size		1dB
- Scrambling code type		Long
- Scrambling code number		0 (0 to 16777215)
- Number of DPDCH		Not Present(1)
- spreading factor		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- TFCI existence		Reference to TS34.108 clause 6.10 Parameter
		Set
- Number of FBI bit		Reference to 1534.108 clause 6.10 Parameter
Dupoturing Limit		Sei Beference to TS24,108 cloures 6,10 Decemptor
		Sot
	Δ1 Δ2 Δ3	EDD
	A4 A5 A6	
- Downlink PDSCH information	<u>/(1,/(0,/(0</u>	Not Present
Downlink information common for all radio links	A5, A6	Not Present
Downlink information common for all radio links	A1, A2, A3	
- Downlink DPCH info common for all RL		
- Timing indicator		<u>Maintain</u>
<ul> <li>CFN-targetSFN frame offset</li> </ul>		Not Present
<ul> <li>Downlink DPCH power control information</li> </ul>		
<u> </u>		<u>0 (single)</u>
<u>- CHOICE mode</u>		FDD
- Power offset P <u>Pilot-DPDCH</u>		U Not Present
- DL Tate Matching restriction montation		Reference to TS34 108 clause 6 10 Parameter
		Set
- Fixed or Elexible Position		Reference to TS34.108 clause 6.10 Parameter
		Set
- TFCI existence		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE SF		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>DPCH compressed mode info</li> </ul>		Not Present
<u>- TX Diversity mode</u>		None
- SSDT information		Not Present
- Delault DPCH Oliset Value	A.4	Not Present
- Downlink DPCH info common for all PL	<u>~~</u>	
- Timing indicator		Initialise
- CEN-targetSEN frame offset		Not Present
- Downlink DPCH power control information		
- DPC mode		0 (single)
- CHOICE mode		FDD
- Power offset P <sub>Pilot-DPDCH</sub>		<u>0</u>
<ul> <li>DL rate matching restriction information</li> </ul>		Not Present
<u>Spreading factor</u>		Reference to TS34.108 clause 6.10 Parameter
Event on Electric Depictory		Set
- Fixed or Flexible Position		Reference to 1534.108 clause 6.10 Parameter
- TECL existence		Beference to TS34 108 clause 6 10 Decemeter
		Sot
- CHOICE SE		Reference to TS34 108 clause 6 10 Parameter
		Set
- DPCH compressed mode info		Not Present
- TX Diversity mode		None

Information Element	Condition	Value/remark
- SSDT information		Not Present
- Default DPCH Offset Value		Arbitrary set to value 0306688 by step of 512
Downlink information for each radio link list	A1. A2. A3	
- Downlink information for each radio links		
- CHOICE mode		FDD
- Primary CPICH info		
- Primary scrambling code		Ref. to the Default setting in TS34 108 clause
		61 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RI		
- Primary CPICH usage for channel estimation		Primary CPICH may be used
- DPCH frame offset		0 chips
- Power offset Point popoli		
- Secondary CPICH info		≥ Not Present
- DL channelisation code		<u>Not resent</u>
- Secondary scrambling code		4
- Spreading factor		Peference to TS34 108 clause 6 10 Parameter
		Sot
Code number		
<u>- Code humber</u>		
- Scrambling code change		<u>No change</u>
- IPC combination index		<u>U</u> Not Present
- SSDT Cell Identity		Not Present
- Closed loop timing adjustment mode		Not Present
- SCCPCH information for FACH		Not Present
Downlink information for each radio link list	<u>A4</u>	
<u>- Downlink information for each radio links</u>		
<u>- CHOICE mode</u>		<u>FDD</u>
- Primary CPICH info		
- Primary scrambling code		Ref. to the Default setting in TS34.108 clause
		<u>6.1 (FDD)</u>
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
<ul> <li>Downlink DPCH info for each RL</li> </ul>		
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>		Primary CPICH may be used
- DPCH frame offset		Set to value: Default DPCH Offset Value mod
		<u>38400</u>
<u>– Power offset Р<sub>Ріlot-DPDCH</sub></u>		<u>0</u>
<ul> <li>Secondary CPICH info</li> </ul>		Not Present
- DL channelisation code		
<ul> <li>Secondary scrambling code</li> </ul>		<u>4</u>
<ul> <li><u>Spreading factor</u></li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Code number		<u>0</u>
- Scrambling code change		No change
- TPC combination index		<u>0</u>
- SSDT Cell Identity		Not Present
- Closed loop timing adjustment mode		Not Present
- SCCPCH information for FACH		Not Present
- Downlink information for each radio link	A5	
- Choice mode		FDD
- Primary CPICH info		
- Primary scrambling code		Ref. to the Default setting in TS34.108 clause
		6.1 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RI		Not present
- SCCPCH information for FACH		Not Present
- Downlink information for each radio link	A6	
- Choice mode	<u> </u>	FDD
- Primary CPICH info		
- Primary scrambling code		Different from the Default setting in TS3/ 108
		clause 6.1 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each Pl		Not present
- SCCPCH information for FACH		Not Present
	1	

	<b>Condition</b>	<b>Explanation</b>
<u>A1</u>		This IE need for "Non speech in CS"
A2		This IE need for "Speech in CS"
A3		This IE need for "Packet to CELL_DCH from CELL_DCH in PS"
A4		This IE need for "Packet to CELL DCH from CELL FACH in PS"
A5		This IE need for "Packet to CELL_FACH from CELL_DCH in PS"
<u>A6</u>		This IE need for "Packet to CELL_FACH from CELL_FACH in PS"

### Contents of TRANSPORT CHANNEL RECONFIGURATION COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
	the downlink TRANSPORT CHANNEL
	RECONFIGURATION message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall
	be absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked
CHOICE mode	<u>FDD</u>
COUNT-C activation time	The UE shall include this IE if the following two
	conditions are fulfilled: (a) The TRANSPORT CHANNEL
	RECONFIGURATION message did not contain the IE
	"Ciphering activation time for DPCH" and (b) The
	TRANSPORT CHANNEL RECONFIGURATION
	message established the first RB(s) mapped to RLC-TM
	for a CN domain or released the last RB(s) mapped to
	RLC-TM for a CN domain. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

#### Contents of TRANSPORT CHANNEL RECONFIGURATION FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identitifer	Checked to see if it is set to identical value of the same IE
	in the downlink TRANSPORT CHANNEL
	RECONFIGURATION message.
Integrity check info	The presence if this IE is dependent on IXIT statements in
	TS 34.123-2. if integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Checked to see if it meets test requirement

# Contents of TRANSPORT FORMAT COMBINATION CONTROL message: AM or UM (in CELL DCH)

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
CHOICE mode	FDD
DPCH/PUSCH TFCS in Uplink	
- CHOICE Subset representation	Allowed transport format combination list
<ul> <li>Allowed Transport format combination</li> </ul>	0 (The TFC is constructed from ALL TF0)
Activation time for TFC subset	Not Present
TFC Control duration	Not Present

# Contents of UE CAPABILITY ENQUIRY message: AM or UM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Capability update requirement	
- UE radio access FDD capability update	TRUE
requirement	
- UE radio access TDD capability update	FALSE
requirement	
<ul> <li>System specific capability update requirement</li> </ul>	Not Present
list	

# Contents of UE CAPABILITY INFORMATION message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
	the downlink UE CAPABILITY ENQUIRY message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	In 15 34.123-2. If Integrity protection is indicated to be
	Active, this is shall be present with the values of the sub-
	absent
- Message authentication code	This IF is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
UE radio access capability	Value will be checked. Stated capability must be
	compatible with 34.123-2 (ICS statements) and the user
Access stratum release indicator	settings
- Access stratum release indicator	
- RLC Capability	
- Transport channel capability	
- RF Capability FDD	
- RF Capability TDD	
<ul> <li>Physical channel capability</li> </ul>	
- UE multi-mode/multi-RAT capability	
<u>- Security Capability</u>	
- UE positioning Capability	
<u> </u>	Value will be checked. Stated capability must be
OL Tadio access capability extension	compatible with 34 123-2 (ICS statements) and the user
	settings
UE system specific capability	Not Checked

# Contents of UE CAPABILITY INFORMATION CONFIRM message: UM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Set to the same value as received in the UE CAPABILITY
	INFORMATON message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.

# Contents of URA UPDATE message: TM

Information Element	Value/remark
Message Type	
<u>U-RNTI</u>	
- SRNC identity	<u>0000 0000 0001B</u>
<u> </u>	<u>0000 0000 0000 0000 0001B</u>
RRC transaction identifier	Checked to see if it is absent
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
URA update cause	See the test content
Protocol error indicator	Checked to see if it is absent or set to 'FALSE'
Protocol error information	Checked to see if it is absent

### Contents of URA UPDATE CONFIRM message: UM

Information Element	Value/remark
Message Type	
<u>U-RNTI</u>	If this message is sent on CCCH, use the following
	values. Else, this IE is absent.
- SRNC identity	<u>0000 0000 0001B</u>
<u>- S-RNTI</u>	<u>0000 0000 0000 0000 0001B</u>
RRC transaction identifier	Arbitrarily selects and integer between 0 and 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	Not Present
New U-RNTI	Not Present
New C-RNTI	Not Present
RRC state indicator	URA_PCH
UTRAN DRX cycle length coefficient	<u>3</u>
CN information info	Not Present
URA identity	See the test content
Downlink counter synchronisation info	Not Present

# Contents of UPLINK DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent.
- Message authentication code	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.
CN domain identity	Checked to see if set to supported a CN domain for which a signalling connection exists as specified in the IXIT statements
NAS message	Set according to that indicated in specific message content clause
Measured results on RACH	Not checked

### Contents of UTRAN MOBILITY INFORMATION message: AM or UM

Information Element	Value/remark		
Message Type			
Integrity check info	The presence of this IE is dependent on IXIT statements		
	in TS 34.123-2. If integrity protection is indicated to be		
	active, this IE is present with the values of the sub IEs as		
	stated below. Else, this IE and the sub-IEs are omitted.		
- message authentication code	SS calculates the value of MAC-I for this message and		
	writes to this IE.		
- RRC message sequence number	SS provides the value of this IE, from its internal counter.		
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3		
Integrity protection mode info	Not Present		
Ciphering mode info	Not Present		
New U-RNTI	See the test content		
New C-RNTI	See the test content		
UE Timers and constants in connected mode			
- T301	2000 milliseconds		
- N301	2		
- T302	4000 milliseconds		
- N302	3		
- T304	1000 milliseconds		
- N304	3		
- T305	60 minutes		
- <u>T307</u>	50 seconds		
- T308	320 milliseconds		
- T309	8 seconds		
<u>- T310</u>	320 milliseconds		
<u>- N310</u>	<u>5</u>		
<u>- T311</u>	500 milliseconds		
<u>- T312</u>	5 seconds		
<u>- N312</u>	<u>200</u>		
<u>- T313</u>	10 seconds		
<u>- N313</u>	<u>200</u>		
<u>- T314</u>	20 seconds		
<u>- T315</u>	30 seconds		
<u>- N315</u>	<u>200</u>		
<u>- T316</u>	50 seconds		
<u>- T317</u>	1800 seconds		
CN information info	Not Present		
URA identity	Not present		
Downlink counter synchronisation info	Not Present		

#### Contents of UTRAN MOBILITY INFORMATION CONFIRM message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if it matches the value of the same IE in
	downlink UTRAN MOBILITY INFORMATION message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM, (b)
	UE is transiting to CELL_DCH state after the
	reconfiguration procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

# 9.1.2 Default RRC Message Contents (TDD)

[FFS]

# 9.2 Default Message Contents for RF

This clause contains the default values of common messages for RF test. The parameters of the UL/DL reference measurement channel 12.2kbps and UE test loop mode 1 without Dummy DCCH transmission are set to default message contents.

#### Contents of Activate RB Test Mode message

Information Element	Value/remark	
Protocol discriminator	F (Length 1/2)	
Skip indicator	0 (Length 1/2)	
Message Type	44h	

#### Contents of Close UE Test Loop message

Information Element	Value/remark
Protocol discriminator	F (Length 1/2)
Skip indicator	0 (Length 1/2)
Message Type	40h
UE test loop mode	00h
UE test loop mode 1 LB setup	03h 00h F4h 0Ah

#### Contents of Open UE Test Loop message

Information Element	Value/remark		
Protocol discriminator	F (Length 1/2)		
Skip indicator	0 (Length 1/2)		
Message Type	42h		

Contents of PAGING TYPE 1 message: TM (CS)

Information Element	Value/remark
Message Type	
Paging record list	
-Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Streaming Call
- CN domain identity	CS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

# Contents of PAGING TYPE 1 message: TM (PS)

Information Element	Value/remark
Message Type	
Paging record list	
-Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Interactive Call
- CN domain identity	PS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

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# Contents of RADIO BEARER SETUP message: AM or UM

Information Element	Condition	Value/remark
Message Type	A1,A3	
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3
Integrity check info		The presence of this IE is dependent on IXIT
		statements in TS 34.123-2. If integrity
		protection is indicated to be active, this IE is
		present with the values of the sub IEs as
		stated below. Else, this IE and the sub-IEs are
		omitted.
<ul> <li>message authentication code</li> </ul>		SS calculates the value of MAC-I for this
		message and writes to this IE.
<ul> <li>RRC message sequence number</li> </ul>		SS provides the value of this IE, from its
		internal counter.
Integrity protection mode info		Not Present
Ciphering mode info		Not Present The presence of this IE is
		dependent on IXIT statements in TS 34.123-2.
		If ciphering is indicated to be active, this IE
		present with the values of the sub IEs as
		stated below. Else, this IE is omitted.
		Start/restart
		Use one of the supported ciphering algorithms
<ul> <li>Ciphering activation time for DPCH</li> </ul>		(256+CFN-(CFN MOD 8 + 8))MOD 256
<ul> <li>Radio bearer downlink ciphering activation time</li> </ul>		Not Present
info		
Activation time		(256+CFN-(CFN MOD 8 + 8))MOD 256
New U-RN11		Not Present
New C-RN11		Not Present
New DSCH-KNTI		Not Present
RRC State indicator		CELL_DCH
OIRAN DRX cycle length coefficient		Not Present
CN Information Info		Not Present
URA Identity		Not Present
Signalling RD Information to setup	۸1	Not Present
- RAB information for setup	AI	
- RAB info		
- RAB identity		0000 0001B
- CN domain identity		CS domain
- NAS Synchronization Indicator		Not Present
- Re-establishment timer		UseT314
- RB information to setup list		
- RB information to setup		
		10
- PDCP info		Not Present
- CHOICE RLC info type		RLC info
- CHOICE Uplink RLC mode		TM RLC
- Transmission RLC discard		Not Present
- Segmentation indication		FALSE
- CHOICE Downlink RLC mode		TM RLC
- Segmentation indication		FALSE
- RB mapping info		
<ul> <li>Information for each multiplexing option</li> </ul>		
<ul> <li>RLC logical channel mapping indicator</li> </ul>		Not Present
- Number of uplink RLC logical channels		1
<ul> <li>Uplink transport channel type</li> </ul>		DCH
<ul> <li>UL Transport channel identity</li> </ul>		1
<ul> <li>Logical channel identity</li> </ul>		Not Present
- CHOICE RLC size list		Configured
- MAC logical channel priority		4 <u>7</u>
– Downlink RLC logical channel info		
Number of downlink RLC logical channels		1
Downlink transport channel type		DCH
DL DCH Transport channel identity		6
DL DSCH Transport channel identity		Not Present
Logical channel identity		Not Present

Information Element	Condition	Value/remark
RAB information for setup list	A3	
- RAB information for setup		
- RAB info		
- RAB identity		0000 0101B
- CN domain identity		PS domain
- NAS Synchronization Indicator		Not Present
- Re-establishment timer		Use1314
- RB Information to setup list		
- RB identity		20
- PDCP info		Not Present
- CHOICE RI C info type		RI C info
- CHOICE Uplink RLC mode		AM RLC
- Transmission RLC discard		
- CHOICE SDU discard mode		No DiscardMax DAT retransmissions
- MAX_DAT		<u>15</u> 4
		<del>100</del>
		4
- Transmission window size		<u>128</u> 8
- Timer_RST		500
- Max_RST		4
Polling Inio Timor, poll, probibit		200
Timer_poll_profilbit		200
		Not Present
- Poll SDU		1
- Last transmission PDU poll		TRUE
- Last retransmission PDU poll		TRUE
- Poll_Windows		99
<u>- Timer poll periodic</u>		Not Present
- CHOICE Downlink RLC mode		AM RLC
- In-sequence delivery		TRUE
- Receiving window size		<u>12</u> 8
- Downlink RLC status info		200
- Timer_Status_prohibit		200
- Missing PDU indicator		TRUE
- Timer STATUS periodic		Not Present
- RB mapping info		
Information for each multiplexing option		2RBMuxOptions
RLC logical channel mapping indicator		Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>		1
<ul> <li>Uplink transport channel type</li> </ul>		DCH
- UL Transport channel identity		1 Not Dropont
		Configured
- MAC logical channel priority		48
- Downlink RLC logical channel info		
- Number of downlink RLC logical channels		1
- Downlink transport channel type		DCH
- DL DCH Transport channel identity		6
DL DSCH Transport channel identity		Not Present
Logical channel identity		Not Present
- RLC logical channel mapping indicator		Not Present
Number of uplink RLC logical channels		
Ul Transport channel identity		Not Present
- Logical channel identity		7
- CHOICE RLC size list		Configured
- MAC logical channel priority		6
- Downlink RLC logical channel info		
- Number of downlink RLC logical channels		1
- Downlink transport channel type		FACH
DL DCH Transport channel identity		Not Present
DL DSCH Transport channel identity		Not Present
- Logical channel identity		Not Present
RB information to be affected list	A1,A3	Not Present

Information Element	Condition	Value/remark
Downlink counter synchronisation info		Not Present
III Transport channel information for all transport	Δ1 Δ3	
channels	/\1,70	
		Not Procent
CHOICE mode		
		FDD Not Present
		Not Present
- CHOICE TECI signalling		Normal
- IFCI Field 1 information		
<ul> <li>CHOICE TFCS representation</li> </ul>		Complete reconfiguration
<ul> <li>TFCS complete reconfigure information</li> </ul>		
- CHOICE CTFC Size		ctfc2Bit2 bit CTFC
- ctfc2BitCTFC information		4 <u>TFCs</u>
- ctfc22bit CTFC		0
-powerOffsetInformationPower offset		
Information <del>(OP)</del>		
-gainEactorInformation CHOICE Gain		Computed Gain Factors
Factors		
-computedGainEactors		Δ
- Reference TEC ID		0
		EDD
		<u>I DD</u>
- POWER OILSEL Pp-m		
- <u>20it CTFC<del>cttc2</del></u>		2
Power offset		
InformationpowerOffsetInformation(OP)		
-gainFactorInformation <u>CHOICE Gain</u>		Computed_Gain_Factors
Factors		
-computedGainFactors		θ
- Reference TFC ID		0
- CHOICE mode		FDD
- Power offset Pam		Not Present
- 2bit CTECctfc2		1
Power offeet		
<u> </u>		
-gainFactorInformation CHOICE Gain		Computed_Gain_Factors
Factors		
-computedGainFactors		θ
Reference TFC ID		0
- CHOICE mode		FDD
<u> </u>		Not Present
- 2bit CTFC <del>ctfc2</del>		3
- Power offset		
InformationpowerOffsetInformation(OP)		
-gainEactorInformation CHOICE Gain		Signalled Gain Factors
Factors		
- CHOICE mode		EDD
madeSpecificInfo		fdd
fdd		
- Gain factor isc		8
Gain factor Isd		15
Reference TFC ID		0
- CHOICE mode		FDD
- Power offset Pp-m		Not Present
Deleted UL TrCH information list		Not Present
Added or Reconfigured UL TrCH information list	A1, A3	1
- Added or Reconfigured UL TrCH information-ul-	,	4
AddReconfTransChinfol.ist		
- Unlink transport channel type		DCH
- III Transport channel identity		1
		Dedicated transport charged
- Unulue transport channel type		Dedicated transport channels
- Dynamic Transport Format Information		
<u> </u>		<u>244 bits</u>
<ul> <li>Number of TBs and TTI List</li> </ul>		2
- Transmission Time Interval		Not Present
- Number of Transport blocks		0

Information Flomont	Condition	Value/remark
	Condition	Value/Terriark
- Transmission Time Interval		Not Present
- Number of Transport blocks		<u>  1</u>
- CHOICE Logical Channel List		ALL
- Semi-static Transport Format Information		
- Transmission time interval		20
- Type of channel coding		Convolutional
- Coding Rate		1/3
- Rate matching attribute		256
		16
TTI		<u>+10</u>
-ttl20		1 +
-DedicatedDynamicTF-Info		
- RLC size		BitMode
- BitMode		sizeType2
-sizeType2		((Part1*8)+128+Part2=244bit)
-Part1		14
_Part2		4
numberOfThSizeList		
NumberOfTrepenertDiseke		
-NumberOH HansportBlocks		<del>Zelo</del>
- <del>ZOÍO</del>		
-NumberOfTransportBlocks		one
-one		
-logicalChannelList		allSizes
-allSizes		
semistaticTE-Information		
-channelCodingType		convolutional
-ondificiouring rype		third
-CONVOILLIONAI Dista restablicare attribute		
- Rate matching attribute		<del>200</del>
- UKU SIZO		<del>10</del>
	<u>A1, A3</u>	FUU Nat Dresent
- CPCH set ID Added on Reconfigured TrOLL information for DRAC		Not Present
- Added of Reconligured TICH Information for DRAC		inot Present
<u>IISt</u> Di Transport channel information common for all	A4 A2	
	AT,AS	
		Not Dropont
- SUCFUTIFUS		
		Some en LII
- CHOICE DE parameters	A1 A2	Not Present
Added or Poponfigured DL TrCH information list	AT,AS	
Added of Reconfigured DL TrCH information dl		
<u>- Added of Reconfigured DL TICH Information-ui-</u>		+
Downlink transport shannel type		DCH
- Downlink transport channel type		
- DL Transport channel identity		D Some en LII
- CHOICE DE parameters		
- Opinik transport channel type		
PLER Quality value		2062
- BLER Quality value		<u>-2.0</u> -0.0
- Transparent mode signalling into	A1 A2	Not Present
	AT,AS	Not Flesenic Deference to cloure 5.4 Test frequencies
LIARECN downlink(Nd)		Reference to clause 5.1 Test frequencies
Movimum allowed LIL TX newer		22dPm
-CHOICE channel requirement		
		EDD.
DPCCH power offect		6dB
- SKB delay Dower Control Algorithm		/ Italies
	1	

Strambling code number     Number of DPDCH     Spreading factor     TCl existence     TCl existence     TCl existence     Number of PB bit     True     Summore of PB bit     Puncturing Limit     CHOICE Mode     CHOICE mode     CFN-targetSFN frame offset     Downlink information common for all RL     Timing indicator     CFN-targetSFN frame offset     Downlink DPCH information     CHOICE mode     CHOICE mo		Information Element	Condition	Value/remark
- Number of DPDCH     - Spreading factor     - TFCI existence     - Number of FBI bit     - Puncturing Limit     CHOICE Mode     - Downlink PDSch information     - Downlink DPCH infor common for all radio links     - Downlink DPCH power control information     - CFIOLEE mode     - Downlink DPCH power control information     - CFIOLEE mode     - Downlink DPCH power control information     - CHOICE mode     - Downlink prediction information     - CHOICE mode     - Port mode     - CHOICE mode     - Fixed Present     - CHOICE mode     - Fixed Present Present		- Scrambling code number		0 (0 to 16777215)
- spreading factor     - TFCI existence     - Number of FBI bit     - Puncturing Limit     CHOICE Mode     - Downlink PDSCH information     - Downlink PDCH info common for all RL     - Timing indicator     - Downlink DPCH power control information     - CFN-targetSFN frame offset     - Downlink DPCH power control information     - CHOICE mode     - OPC mode     - OPC mode     - OPC mode     - OPC mode     - CHOICE mode     - Downlink DPCH present     - CHOICE mode     - Downlink DPCH present     - CHOICE mode     - OPC mode     - Stor Thick for Plain blac(SF=128-266)     - POC     - OPC mode     - POSCH mode mode     - POSCH mode mode     - POSCH mode mode     - Secondary scrambling code     - OPC mode     - POS		- Number of DPDCH		1
- TFCI existence     Number of FB bit     - Puncturing limit CHOICE Mode     - Downlink PDSCH information Downlink information common for all radio links     - Downlink DPCH info common for all radio links     - Downlink DPCH power control information     - CHOICE mode     - OPC mode     - PSC mode     - OPC mode     - OPC mode     - PSC mode     - PSC mode		<ul> <li>spreading factor</li> </ul>		64
- Number of FBI bit     - Puncturing Limit     CHOICE Mode     - Downlink PDSCH information     Downlink information common for all radio links     - Timing indicator     - Tormink PDCH into common for all RL     - Timing indicator     - CHOICE mode     - CHOICE mode     - CHOICE mode     - Over offset Pend-SPECH     - Power offset Pend-SPECH     - Devending factor     - TFCI existence     - Wumber of bits for Pilot-bits(SF=128,266)     - Elexible Position     - TFCI existence     - Versity mode     - TFCI existence     - Versity mode     - SSEDT information     - DeCH compressed mode info     - Power offset Value     - DeCH compressed mode info     - SSEDT information     - DeCH compressed mode info     - Powersy scrambling code     - POSCH with SHO DCH info     - Primary CPICH info     - Primary CPICH info     - Primary CPICH info     - Primary CPICH info     - POSCH with SHO DCH info     - PDSCH with SHO DCH info     - Secondary scrambling code     - SECONDINA scrambling code scramblin		TFCI existence		TRUE
- Puncturing Limit     CHOICE Mode     - Downlink PDSCH information     Downlink DPSCH information for all radio links     - Downlink breck information for all radio links     - Downlink DPCH power control information     - CHOICE mode     - OPK mode     - CHOICE set     - Number of bits for Pliot bits(SF=128,256)     - Fixed or Flexible Position     - Trice with for Pliot bits(SF=128,256)     - Fixed or Flexible Position     - Trice or Flexible Position     - Trice with for Pliot bits(SF=128,256)     - Fixed or Flexible Position     - Trice with for Pliot bits(SF=128,256)     - Fixed or Flexible Position     - Trice with for Pliot bits     - CHOICE set     - Number of bits for Pliot bits     - CHOICE mode     - Stard information     - DFCH compressed mode info     - Trice with formation for each pace radio link list     - Downlink information for each pace radio link list     - Downlink DPCH info for each radio link     - CHOICE mode     - Pirmary CPICH info     - Poice mode     - Stard mode mapping     - Doschard with SHO DCH info     - Pirmary CPICH info     - Poice mode     - Secondary certer information     - DPCH frame offset     - CHOICE mode     - Flexible present     - Decondary CPICH info     - Decondary CPICH info     - Stard for     - Stard for     - Stard for     - Stard for     - Primary CPICH info     - Primary CPICH info     - Primary CP		Number of FBI bit		Not Present(0)
CHOICE Mode     FDD       obwnlink PDSCH information     Not Present       Downlink information common for all radio links     A1,A3       - Timing indicator     A1,A3       - Timing indicator     Maintain       - CHVIEE mode     0       - OPM mode     0 (single)       - CHOICE mode     0       - POwer offset Prior-brock     0       - Downlink DPCH power control information     Not Present       - OPC mode     0       - Power offset Prior-brock     0       - Diversity mode     Not Present       - Spreading factor     128       - Fixed or Flexible Position     Fixed       - Fixed or Flexible Position     Fixed       - TRUE     128       - CHOICE mode     Not Present       - SSDT information     Not Present       - Default DPCH Offset Value     Not Present       Downlink information for each radio link list     A1,A3       - Detaut DPCH offset value     Not Present       - DECH mode     100       - Primary CPICH info     Not Present       - PDSCH ode mapping     Not Pr		Puncturing Limit		1
Downlink Information common for all radio links     Downlink Information common for all radio links     Downlink DPCH info common for all RL     Timing indicator     CHVIAragetSFN frame offset     Downlink DPCH power control information     CHOICE mode     DPC mode     CHOICE mode     CHOICE mode     CHOICE mode     CHOICE mode     Downlink Information common for all RL     Tricl existence     Downlink Information common for all RL     CHOICE mode     December 2 Downlink Information     Spreading factor     Downlink Information common for all RL     Downlink Information co	С	HOICE Mode		FDD
Downlink information common for all radio links       A1,A3         - Downlink DPCH info common for all RL       Maintain         - Timing indicator       Maintain         - Orbit CE: mode       0 (single)         - Orbit CE: mode       0 (single)         - Power offset Power control information       FDD         - Downlink DPCH information       0 (single)         - Power offset Power Power offset Power Power Power offset Power Power Power offset Power offset Power Power Power offset Power offset Power Pow		- Downlink PDSCH information		Not Present
Downlink DPCH info common for all RL     Timing indicator     CFN-targetSFN frame offset     Downlink DPCH power control information     CFN-targetSFN frame offset     Downlink DPCH power control information     CFN-CE mode     CFNCE mode	D	ownlink information common for all radio links	A1,A3	
- Timing indicator     - CFH-VitargetSFN frame offset     - Downlink DPCH power control information     - CHOICE mode     - DPC mode     - DPC mode     - DPC mode     - DPC mode     - CHOICE mode     - Trice assistance     - CHOICE mode     - Trice assistance     - CHOICE mode     - CHOICE mode     - DPCH compressed mode info     - Trice assistance     - SDT information     - DPCH frame offset     - Downlink information for each-per radio link list     - Downlink information for each-per radio link list     - Downlink information for each-per radio link list     - Downlink information for each radio link     - CHOICE mode     - Primary CPICH info     - Primary CPICH info     - Primary CPICH info     - DPCH frame offset     - Spreading factor     - DPCH frame offset     - Spreading factor     - Deconde     - Spreading factor     - DCHOICE mode     - Spreading factor     - CHOICE mode     - Primary CPICH info     - DPCH frame offset     - Spreading factor     - Decondary scrambling code     - Spreading factor     - Choice mode     - Spreading factor     - Choice mode     - Spreading factor     - Choice mode     - Primary CPICH info     - Dice mode     - Spreading factor     - Choice mode     - Spre		<ul> <li>Downlink DPCH info common for all RL</li> </ul>		
CFN-targetSFN frame offset     Downlink DPCH power control information     CHOICE mode     OFF Or Orde     CHOICE mode     CHOICE SF     Number of bits for Pilot bits     CHOICE mode     CHOICE mode		- Timing indicator		Maintain
- Downlink DPCH power control information     - CHOICE mode     - DPC mode     - DPC mode     - Power offset PhilorbitPoCH     - DL rate matching restriction information     - Spreading factor     - Trate of Plats bits (SF=128,256)     - Fixed or Flexible Position     - Trate of Plats bits (SF=128,256)     - Fixed or Flexible Position     - Trate of Plats bits (SF=128,256)     - Fixed or Flexible Position     - Trate of Plats bits (SF=128,256)     - Fixed or Flexible Position     - Trate of Plats bits (SF=128,256)     - Fixed or Flexible Position     - Trate or Flexible Position     - DPCH compressed mode info     - Trate or Flexible Position     - DPCH compressed mode info     - Trate or flexible Position     - DPCH formation     - DPCH formation     - DPCH formation     - Primary CPICH info     - Primary CPICH info     - Primary CPICH info     - Primary CPICH info     - DPCH frame offset     - Secondary CPICH info     - DPCH frame offset     - Scrambling code     - Starabling code     - Trate offset     - Code number     -		- CFN-targetSFN frame offset		Not Present
		- Downlink DPCH power control information		
- DPC mode     0 (single)       - CHOICE mode     FDD       - DL rate matching restriction information     Not Present       - Spreading factor     128       - Number of bits for Pilot bits(SF=128,256)     8       - Fixed or Flexible Position     Fixed       - TK Dic existence     TRUE       - CHOICE mode     FDD       - Number of bits for Pilot bits     8       - CHOICE mode     FDD       - Number of bits for Pilot bits     8       - CHOICE mode     FDD       - OPCH compressed mode info     Not Present       - DPCH compressed mode info     Not Present       - SSDT information     Not Present       - Default DPCH Offset Value     Not Present       - OPCH compressed mode     100       - Primary CPICH info     100       - Primary CPICH info     100       - PDSCH with SHO DCH info     Not Present       - Deventink information code     FDD       - PDCH frame offset     Primary CPICH may be used       - DPCH frame offset     O hips       - Secondary cPICH info     128       - Secondary cPICH info     0       - Scrambling code     128       - Scrambling code     0       - Scrambling code     0       - Scondary combine     0    <		- CHOICE mode		FDD
- CHOICE mode       FDD         - Power offset P <sub>Rink-DPDCH</sub> 0         - DL rate matching restriction information       128         - Number of bits for Pilot bits (SF=128,256)       8         - Fixed or Flexible Position       Fixed         - TFCI existence       TRUE         - CHOICE SF       128         - Number of bits for Pilot bits       8         - CHOICE SF       128         - Number of bits for Pilot bits       8         - CHOICE mode       FDD         - DPCH compressed mode info       Not Present         - TX Diversity mode       None         - SSDT information       Not Present         - Default DPCH Offset Value       Not Present         Downlink information for each-radio link       Not Present         - Downlink information for each-radio link       FDD         - Primary CPICH info       100         - Primary CPICH info       100         - PDSCH with SHO DCH info       Not Present         - DOwnlink information for each RL       FDD         - CHOICE mode       FDD         - Primary CPICH info for each RL       FDD         - Secondary Serambling code       128         - Secondary Serambling code       128	I	DPC mode		0 (single)
- POWer Ontset Pelie-Depoch     0       - Du rate matching restriction information     Not Present       - Spreading factor     128       - Number of bits for Pilot bits(SF=128,256)     8       - Fixed or Flexible Position     Fixed       - TFCI existence     TRUE       - OHOICE SF     128       - Number of bits for Pilot bits     8       - OHOICE mode     TRUE       - OHOICE SF     128       - Number of bits for Pilot bits     8       - OHOICE mode     None       - SDT information     None       - SSDT information for each page radio link ist     None       - Default DPCH Offset Value     Not Present       Downlink information for each page radio link     A1,A3       - Primary CPICH info     100       - PDSCH with SHO DCH info     100       - PDSCH with SHO DCH info     Not Present       - DSCH with SHO DCH info for each RL     EDD       - Primary CPICH usage for channel estimation     Primary CPICH may be used       - Secondary CPICH info     128       - Scrambling code change     1       - Scrambling code change     1       - Scrambling code change     0       - TPC combination index     0       - Scrambling code change     Not Present       - Sorambling code change	, I			FDD
- DL rate matching restriction information       Not Present         - Spreading factor       128         - Number of bits for Pilot bits (SF=128,256)       8         - Fixed or Flexible Position       Fixed         - TFCI existence       TRUE         - CHOICE SF       128         - Number of bits for Pilot bits       8         - CHOICE mode       FDD         - DPCH compressed mode info       Not Present         - TX Diversity mode       None         - SDT information       - Default DPCH Offset Value         Downlink information for each-per radio link list       A1,A3         - Downlink information for each-per radio link list       A1,A3         - Downlink information for each radio link       A1,A3         - Primary CPICH info       Not Present         - POSCH with SHO DCH info       Not Present         - DSCH with SHO DCH info       Not Present         - DSCH with SHO DCH info       Primary CPICH usage for channel estimation         - DPCH frame offset       FDD         - Secondary CPICH linfo       Primary CPICH may be used         - Secondary CPICH info       128         - Secondary crambling code       128         - Scrambling code change       0         - Scrambling code change		- Power offset Ppilot-DPDCH		
- Spreading factor     128       - Number of bits for Pilot bits(SF=128,256)     8       - Fixed or Flexible Position     Fixed       - TFCI existence     TRUE       - CHOICE Fr     128       - Number of bits for Pilot bits     8       - OPCH compressed mode info     128       - TX Diversity mode     Not Present       - SSDT information     Not Present       - Default DPCH Offset Value     Not Present       Downlink information for each per radio link list     A1,A3       - Downlink information for each per radio link     A1,A3       - Downlink information for each per radio link     A1,A3       - Primary Scrambling code     100       - PDSCH with SHO DCH info     100       - PDSCH with SHO DCH info     Not Present       - Downlink information for each RL     FDD       - CHOICE mode     FDD       - PDSCH with SHO DCH info     100       - DPCH frame offset     Primary CPICH usage for channel estimation       - Secondary CPICH linfo     128       - Secondary scrambling code     1		- DL rate matching restriction information		Not Present
- Rutinger of bits for Prior bits for     Fixed       - Fixed or Flexible Position     Fixed       - TFCI existence     TRUE       - OHOICE SF     128       - Number of bits for Pilot bits     8       - CHOICE mode     FDD       - DPCH compressed mode info     Not Present       - TX Diversity mode     Not Present       - SSDT information     Not Present       - Default DPCH Offset Value     Not Present       Downlink information for each radio link     Not Present       - Downlink information for each radio link     A1,A3       - Downlink information for each radio link     FDD       - CHOICE mode     FDD       - Primary CPICH info     100       - PDSCH with SHO DCH info     Not Present       - PDSCH with SHO DCH info     Not Present       - DOwnlink DPCH info for each RL     FDD       - CHOICE mode     FDD       - Primary CPICH usage for channel estimation     Primary CPICH may be used       - DPCH frame offset     O chips       - Secondary CPICH info     128       - Scrambling code     1       - Scrambling code change     0       - Scrambling code change     0       - TPC combination index     0       - Strambling code change     0       - TPC combination index     <	1	- Spreading factor		128
- Fixed       Fixed         - CHOICE SE       128         - Number of bits for Pilot bits       8         - CHOICE mode       FDD         - DPCH compressed mode info       Not Present         - TX Diversity mode       None         - SSDT information       Not Present         - Default DPCH Offset Value       Not Present         Downlink information for each per radio link list       A1,A3         - Downlink information for each per radio link       A1,A3         - Downlink information for each per radio link       FDD         - CHOICE mode       100         - Primary CPICH info       100         - PDSCH code mapping       Not Present         - Downlink information for each RL       FDD         - CHOICE mode       FDD         - CHOICE mode       FDD         - PDSCH with SHO DCH info       Not Present         - DVCH frame offset       O         - Secondary CPICH info       Primary CPICH may be used         - Secondary CPICH info       128         - Scrambling code       1         - Scrambling code       1         - Scondary scrambling code       1         - Scondary scrambling code       0         - Scondary scrambling code<	-	- NUMBER OF DITS FOR PHOT DITS (SF=128,256)		B           Fixed
- CHOICE SF       128         - Number of bits for Pilot bits       8         - CHOICE mode       FDD         - DPCH compressed mode info       Not Present         - TX Diversity mode       Not Present         - SSDT information       Not Present         - Default DPCH Offset Value       Not Present         Downlink information for each per radio link       A1,A3         - Downlink information for each per radio link       A1,A3         - Primary CPICH info       100         - PDSCH with SHO DCH info       Not Present         - PDSCH code mapping       Not Present         - DUPCH frame offset       Not Present         - OHOICE mode       FDD         - Primary CPICH usage for channel estimation       Primary CPICH may be used         - DPCH frame offset       Decharmed fist         - Secondary CPICH info       128         - Scrambling code       1         - Scrambling code       1         - Scrambling code change       0         - TPC combination index       0         - Scrambling code change       0         - TPC combination index       0         - Scrambling code change       Not Present         - TPC combination index       0      <		- FIXed OF FIEXIBLE FOSILION		
- Number of bits for Pilot bits       1200         - OPCH compressed mode info       FDD         - TX Diversity mode       Not Present         - SSDT information       Not Present         - Default DPCH Offset Value       Not Present         Downlink information for each per radio link list       A1,A3         - Downlink information for each per radio link       A1,A3         - Downlink information for each per radio link       FDD         - Primary CPICH info       100         - PDSCH with SHO DCH info       Not Present         - PDSCH with SHO DCH info for each RL       FDD         - Downlink DPCH info for each RL       FDD         - Downlink DPCH info for each RL       FDD         - Primary CPICH usage for channel estimation       Primary CPICH may be used         - DPCH frame offset       Primary CPICH may be used         - Secondary CPICH info       128         - Secondary CPICH info       128         - Scambling code       1         - Spreading factor       0         - Scambling code change       0         - SSDT Cell Identity       0         - Closed loop timing adjustment mode       Not Present				128
- CHOICE mode     FDD       - DPCH compressed mode info     - Not Present       - TX Diversity mode     None       - SSDT information     Not Present       - Default DPCH Offset Value     Not Present       Downlink information for each regradio link     A1,A3       - Downlink information for each regradio link     FDD       - Primary CPICH info     - Primary scrambling code       - PDSCH with SHO DCH info     100       - PDSCH with SHO DCH info     Not Present       - Downlink DPCH info for each RL     FDD       - CHOICE mode     FDD       - Primary CPICH usage for channel estimation     Not Present       - DPCH frame offset     FDD       - Secondary CPICH info     Primary CPICH may be used       - Spreading factor     0       - Scambling code     1       - Scambling code     1       - Starabiling code     1       - Starabiling code     0       - Starabiling code     0       - Starabiling code     1       - Starabiling code     0       - Starabiling code change     0       - TPC combination index     0 <th>-</th> <th>- Number of hits for Pilot hits</th> <th></th> <th>8</th>	-	- Number of hits for Pilot hits		8
- DPCH compressed mode info     Not Present       - SSDT information     Not Present       - Default DPCH Offset Value     Not Present       Downlink information for each per radio link list     A1,A3       - Downlink information for each per radio link     A1,A3       - Primary CPICH info     Primary criter mode       - PDSCH with SHO DCH info     100       - PDSCH with SHO DCH info     100       - PDSCH code mapping     Not Present       - Downlink DPCH info for each RL     100       - PDSCH code mapping     Not Present       - Downlink DPCH info reach RL     Primary CPICH usage for channel estimation       - DPCH frame offset     Primary CPICH may be used       - Secondary CPICH info     11       - Secondary scrambling code     1       - Scrambling code change     1       - Stord number     0       - SSDT Cell Identity     Not Present       - Closed loop timing adjustment mode     Not Present	-	- CHOICE mode		
- TX Diversity mode       None         - SSDT information       None         - Default DPCH Offset Value       Not Present         Downlink information for each per radio link list       A1,A3         - Downlink information for each per radio link       A1,A3         - Downlink information for each per radio link       A1,A3         - Downlink information for each per radio link       A1,A3         - Pownlink information for each radio link       A1,A3         - Pownlink information for each RL       FDD         - PDSCH with SHO DCH info       Not Present         - PDSCH code mapping       Not Present         - Downlink DPCH info for each RL       Not Present         - CHOICE mode       FDD         - CHOICE mode       FDD         - Primary CPICH usage for channel estimation       Primary CPICH may be used         - DPCH frame offset       Primary CPICH may be used         - Secondary Scrambling code       1         - Secondary scrambling code       1         - Scrambling code change       0         - Scrambling code change       0         - SSDT Cell Identity       Not Present         - Cobe number       0         - Scombining adjustment mode       Not Present		- DPCH compressed mode info		Not Present
- SSDT information       Not Present         - Default DPCH Offset Value       Not Present         Downlink information for each per radio link list       A1,A3         - Downlink information for each radio link       A1,A3         - OutCE mode       FDD         - Primary CPICH info       100         - PDSCH with SHO DCH info       Not Present         - PDSCH code mapping       Not Present         - Downlink DPCH info for each RL       Not Present         - CHOICE mode       FDD         - PDSCH code mapping       Not Present         - Downlink DPCH info for each RL       Primary CPICH usage for channel estimation         - DPCH frame offset       FDD         - Secondary CPICH usage for channel estimation       Primary CPICH may be used         - DPCH frame offset       Not Present         - Secondary scrambling code       1         - Secondary scrambling code       1         - Secondary scrambling code       1         - Scrambling code change       0         - TPC combination index       0         - SSDT Cell Identity       Not Present         - Closed loop timing adjustment mode       Not Present		- TX Diversity mode		None
- Default DPCH Offset Value       Not Present         Downlink information for each per radio link list       A1,A3         - Downlink information for each radio link       FDD         - Primary CPICH info       100         - Primary scrambling code       100         - PDSCH with SHO DCH info       Not Present         - PDSCH code mapping       Not Present         - Downlink DPCH info for each RL       FDD         - CHOICE mode       FDD         - Object mode       FDD         - Primary CPICH usage for channel estimation       Primary CPICH may be used         - DPCH frame offset       O chips         - Secondary CPICH info       Not Present         - DL channelisation code       128         - Spreading factor       0         - Scrambling code change       0         - TPC combination index       0         - TPC combination index       0         - SDT Cell Identity       Not Present         - Closed loop timing adjustment mode       Not Present		- SSDT information		Not Present
Downlink information for each-per radio link       A1,A3         - Downlink information for each radio link       A1,A3         - OHOICE mode       FDD         - Primary CPICH info       100         - PDSCH with SHO DCH info       Not Present         - DOwnlink DPCH info for each RL       Not Present         - DSCH code mapping       Downlink DPCH info for each RL         - CHOICE mode       FDD         - Primary CPICH usage for channel estimation       Primary CPICH may be used         - DPCH frame offset       O chips         - Secondary CPICH info       128         - Spreading factor       0         - Strambling code change       Not Present         - TPC combination index       Not Present         - SDT Cell Identity       Not Present		- Default DPCH Offset Value		Not Present
Downlink information for each radio link     - CHOICE mode     Primary CPICH info     - Primary scrambling code     PDSCH with SHO DCH info     PDSCH code mapping     Downlink DPCH info for each RL     - CHOICE mode     Primary CPICH usage for channel estimation     DPCH frame offset     Secondary CPICH info     DL channelisation code     Secondary scrambling code     Secondary scrambling code     Spreading factor     Scrambling code change     TPC combination index     SSDT Cell Identity     Closed loop timing adjustment mode	D	ownlink information for each per radio link list	A1,A3	
- CHOICE mode       FDD         - Primary CPICH info       100         - PDSCH with SHO DCH info       Not Present         - PDSCH code mapping       Not Present         - Downlink DPCH info for each RL       FDD         - CHOICE mode       FDD         - Primary CPICH usage for channel estimation       Primary CPICH may be used         - DPCH frame offset       O chips         - Secondary CPICH info       Not Present         - Secondary crambling code       1         - Spreading factor       1         - Code number       0         - Sorambling code change       No change         - TPC combination index       0         - SSDT Cell Identity       Not Present         - Closed loop timing adjustment mode       Not Present	_	- Downlink information for each radio link		
<ul> <li>Primary CPICH info</li> <li>Primary scrambling code</li> <li>PDSCH with SHO DCH info</li> <li>PDSCH code mapping</li> <li>Downlink DPCH info for each RL</li> <li>CHOICE mode</li> <li>Primary CPICH usage for channel estimation</li> <li>DPCH frame offset</li> <li>Secondary CPICH info</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>Secondary scrambling code</li> <li>Secondary scrambling code</li> <li>Secondary scrambling code</li> <li>Spreading factor</li> <li>Scrambling code change</li> <li>TPC combination index</li> <li>SSDT Cell Identity</li> <li>Closed loop timing adjustment mode</li> </ul>	_	- CHOICE mode		FDD
<ul> <li>Primary scrambling code</li> <li>PDSCH with SHO DCH info</li> <li>PDSCH code mapping</li> <li>Downlink DPCH info for each RL</li> <li>CHOICE mode</li> <li>Primary CPICH usage for channel estimation</li> <li>DPCH frame offset</li> <li>Secondary CPICH info</li> <li>PL channelisation code</li> <li>Secondary scrambling code</li> <li>Spreading factor</li> <li>Code number</li> <li>Code number</li> <li>Scrambling code change</li> <li>TPC combination index</li> <li>SSDT Cell Identity</li> <li>Closed loop timing adjustment mode</li> </ul>		- Primary CPICH info		
<ul> <li>PDSCH with SHO DCH info</li> <li>PDSCH code mapping</li> <li>Downlink DPCH info for each RL</li> <li>CHOICE mode</li> <li>Primary CPICH usage for channel estimation</li> <li>DPCH frame offset</li> <li>Secondary CPICH info</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>Spreading factor</li> <li>Code number</li> <li>Scrambling code change</li> <li>TPC combination index</li> <li>SSDT Cell Identity</li> <li>Closed loop timing adjustment mode</li> </ul>		<ul> <li>Primary scrambling code</li> </ul>		100
<ul> <li>PDSCH code mapping</li> <li>Downlink DPCH info for each RL</li> <li>CHOICE mode</li> <li>Primary CPICH usage for channel estimation</li> <li>DPCH frame offset</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>Spreading factor</li> <li>Code number</li> <li>Scrambling code change</li> <li>TPC combination index</li> <li>SSDT Cell Identity</li> <li>Closed loop timing adjustment mode</li> </ul>		- PDSCH with SHO DCH info		Not Present
<ul> <li>Downlink DPCH info for each RL</li> <li>CHOICE mode</li> <li>Primary CPICH usage for channel estimation</li> <li>DPCH frame offset</li> <li>Secondary CPICH info</li> <li>DL channelisation code</li> <li>Secondary scrambling code</li> <li>Spreading factor</li> <li>Code number</li> <li>Scrambling code change</li> <li>TPC combination index</li> <li>SSDT Cell Identity</li> <li>Closed loop timing adjustment mode</li> </ul>		- PDSCH code mapping		Not Present
- CHOICE mode       FDD         - Primary CPICH usage for channel estimation       Primary CPICH may be used         - DPCH frame offset       0 chips         - Secondary CPICH info       Not Present         - DL channelisation code       1         - Secondary scrambling code       1         - Spreading factor       0         - Code number       0         - Strambling code change       0         - TPC combination index       0         - SSDT Cell Identity       Not Present         - Closed loop timing adjustment mode       Not Present		- Downlink DPCH info for each RL		
<ul> <li>Primary CPICH usage for channel estimation</li> <li>DPCH frame offset</li> <li>Secondary CPICH info</li> <li>DL channelisation code</li> <li>Secondary scrambling code</li> <li>Secondary scrambling code</li> <li>Spreading factor</li> <li>Code number</li> <li>Scrambling code change</li> <li>TPC combination index</li> <li>SSDT Cell Identity</li> <li>Closed loop timing adjustment mode</li> </ul>	—	- CHOICE mode		FDD
- DPCH frame onset       0 chips         - Secondary CPICH info       Not Present         - DL channelisation code       1         - Secondary scrambling code       1         - Spreading factor       0         - Code number       0         - Scrambling code change       No change         - TPC combination index       0         - SSDT Cell Identity       Not Present         - Closed loop timing adjustment mode       Not Present		<ul> <li>Primary CPICH usage for channel estimation</li> </ul>		Primary CPICH may be used
<ul> <li>Secondary CPICH info</li> <li>DL channelisation code</li> <li>Secondary scrambling code</li> <li>Spreading factor</li> <li>Code number</li> <li>Code number</li> <li>Scrambling code change</li> <li>TPC combination index</li> <li>SSDT Cell Identity</li> <li>Closed loop timing adjustment mode</li> <li>Not Present</li> </ul>		DPCH frame offset		U chips
- Secondary scrambling code       1         - Spreading factor       128         - Code number       0         - Scrambling code change       0         - TPC combination index       0         - SSDT Cell Identity       Not Present         - Closed loop timing adjustment mode       Not Present		- Secondary UPICH INTO		Not Present
<ul> <li>Spreading factor</li> <li>Spreading factor</li> <li>Code number</li> <li>Scrambling code change</li> <li>Scrambling code change</li> <li>TPC combination index</li> <li>SSDT Cell Identity</li> <li>Closed loop timing adjustment mode</li> <li>Not Present</li> </ul>		Secondary exampling code		1
- Code number     0       - Scrambling code change     0       - TPC combination index     0       - SSDT Cell Identity     Not Present       - Closed loop timing adjustment mode     Not Present	-	- Spreading factor		128
Scrambling code change     TPC combination index     SSDT Cell Identity     Closed loop timing adjustment mode     Not Present     Not Present	-	- Code number		0
- TPC combination index     0       - SSDT Cell Identity     Not Present       - Closed loop timing adjustment mode     Not Present	-	- Scrambling code change		No change
- Closed loop timing adjustment mode Not Present		- TPC combination index		0
- Closed loop timing adjustment mode Not Present		- SSDT Cell Identity		Not Present
		- Closed loop timing adjustment mode		Not Present
- SCCPCH information for FACH I Not Present	'	- SCCPCH information for FACH		Not Present

Co	ondition	Explanation
A1		This IE is needed for transparent mode. In the case of TX and RX test cases, this IE is
		selected.
A3		This IE is needed for acknowledged mode.
NOTE:	NOTE: In the case of Performance Requirement and RRM test cases, A1 or A3 is selected according to the	
	combination of	f UL and DL channels or test requirements.

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Contents of RRC CONNECTION RELEASE message: UM

Information Element	Value/remark
Message Type U-RNTI	This IE is set to the following value when the message is transmitted on the CCCH. When transmitted on DCCH.
- SRNC identity - S-RNTI	this is absent. 0000 0000 0001B 0000 0000 0000 0000 000
RRC transaction identifier	Arbitrarily selects an integer between 0 and 30
Integrity check info	<ul> <li>The presence of this IE depends on 2 factors:</li> <li>(a) IXIT statements in TS 34.123-2: If integrity protection is indicated to be active, this IE is present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs are omitted.</li> <li>(b) This IE is present when this message is transmitted on downlink DCCH. Else, this IE and the sub-IEs are omitted.</li> </ul>
- Message authentication code	SS calculates the value of MAC-I for this message and writes to this IE.
- RRC Message sequence number	SS provides the value of this IE, from its internal counter.
	connected mode states).
Release cause	Normal event
Rplmn information	Not Present

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Contents of RRC CONNECTION SETUP message: UM

Information Element	Value/remark
Message Type	
Initial UE identity	Select the same identity as in the IE "Initial UE Identity" in
	received RRC CONNECTION REQUEST" message
RRC transaction identifier	Arbitrarily selects an integer between 0 and 30
Activation time	Not Present(Now)
Now LI PNTI	Not Tresent(Now)
	0000 0000 00010
	0000 0000 0001B
- S-RNTI	0000 0000 0000 0000 0001B
New C-RN11	Not Present
RRC State Indicator	CELL_DCH
UTRAN DRX cycle length coefficient	9
Capability update requirement	Not Present
<u>- UE radio access FDD capability update</u>	TRUE
requirement	EALCE
	FALSE
- System specific capability update requirement list	Gsm
Signalling RB information to setup list	4 SRBs
- Signalling RB information to setup	(UM DCCH for BBC)
- RB identity	Not Present4
- CHOICE RI C info type	RLC info
- BLC info	
- CHOICE Uplink RI C mode	UM RLC
- Transmission RLC discard	Not Present
	Timer based no explicit
Timer discard	<del>50</del>
- CHOICE Downlink RLC mode	UM RLC
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RI C logical channel mapping indicator	Not Present
- Number of RI C logical channels	1
- Unlink transport channel type	DCH
- UL Transport channel identity	5
Logical channel identity	1
	Configured
- CHOICE RLC Size list	
- MAC logical channel phonty	
- Downlink RLC logical channel info	
- Number of RLC logical channels	
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	1
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	1
- CHOICE RLC size list	Configured
- MAC logical channel priority	2
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	1
- RLC logical channel mapping indicator	Not Present
Signalling RB information to setup	(AM DCCH for RRC)

Information Element	Value/remark
- RB identity	Not Present <sup>2</sup>
- CHOICE RLC info type	
- RI C info	
- CHOICE Uplink PLC mode	AMRIC
	AWINEC
- Transmission RLC discard	
- SDU discard mode	No Discard Max DA1 retransmissions
- MAX_DAT	<u>15</u> 4
	<del>100</del>
	4
- Transmission window size	<u>128</u> 8
- Timer_RST	500
- Max_RST	4
- Polling info	
- Timer poll prohibit	200
- Timer poll	200
- Poll PDU	Not Present
- Poll SDU	1
- Last transmission PDU noll	
- Last ratransmission PDU poll	
- Last retraits 111551011 FDU PUIL	
	SS
	NOT Present
- CHOICE Downlink RLC mode	
- In-sequence delivery	IRUE
- Receiving window size	<u>12</u> 8
- Downlink RLC status info	
- Timer_status_prohibit	200
- Timer_EPC	Not Present 200
<ul> <li>Missing PDU indicator</li> </ul>	TRUE
- Timer_STATUS_periodic	Not Present
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	1
- Uplink transport channel type	DCH
- UL Transport channel identity	5
- Logical channel identity	2
- CHOICE RI C size list	Configured
- MAC logical channel priority	2
- Downlink RLC logical channel info	-
	1
- Number of NEC logical channel time	
	10
	IU Not Dresent
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	2
- CHOICE RLC size list	Configured
- MAC logical channel priority	3
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	2
- Signalling RB information to setup	(AM DCCH for NAS_DT High priority)

Information Element	Value/remark
- RB identity	3Not Present
- CHOICE RLC info type	
- RLC info	
CHOICE Unlink PLC mode	
- Transmission RLC discard	
- SDU discard mode	No Discard Max DAT retransmissions
- MAX_DAT	<u>15</u> 4
	<del>100</del>
	4
- Transmission window size	<u>128</u> 8
- Timer_RST	500
- Max_RST	4
- Polling info	
- Timer poll prohibit	200
- Timer poll	200
	Not Present
	1
- Last transmission PDU poli	
- Last retransmission PDU poll	
- Poll_Windows	99
- Timer_poll_periodic	Not Present
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	<u>12</u> 8
- Downlink RLC status info	
- Timer_status_prohibit	200
- Timer_EPC	Not Present <del>200</del>
- Missing PDU indicator	TRUE
- Timer STATUS periodic	Not Present
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RI C logical channel manning indicator	Not Present
- Number of RLC logical channels	1
- Unlink transport channel type	рсн
LIL Transport channel identity	5
	2
	5 Or a firmer d
	Conligured
- MAC logical channel priority	3
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	10
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	3
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of RLC logical channels	1
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	3
- CHOICE RLC size list	Configured
- MAC logical channel priority	4
- Downlink RLC logical channel info	
- Number of RI C logical channels	1
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present
	Not Procent
- Logical channel identity	an DOCH for NAS, DT I am arianted
-Signalling RB information to setup	(AIVI DUCH for NAS_DT Low priority)

Γ	Information Element	Value/remark
ľ	- RB identity	Not present4
	- CHOICE RLC info type	
	- RLC info	
	- CHOICE Liplink RLC mode	
	- Malisilission RLC discard	No Discord May DAT retransmissions
		NO DISCAIOINIAX DAT THUAISHIISSIONS
		<u>15</u> 4
		100
		4
	- Iransmission window size	1288
	- Timer_RST	500
	- Max_RST	4
	- Polling info	
	- Timer_poll_prohibit	200
	- Timer_poll	200
	- Poll_PDU	Not Present
	- Poll_SDU	1
	- Last transmission PDU poll	TRUE
	- Last retransmission PDU poll	TRUE
	- Poll_Windows	99
	- Timer_poll_periodic	Not Present
	- CHOICE Downlink RLC mode	AM RLC
	- In-sequence deliverv	TRUE
	- Receiving window size	128
	- Downlink RLC status info	
	- Timer status prohibit	200
	- Timer EPC	Not Present200
	- Missing PDI Lindicator	TRUE
	- Timer STATUS periodic	Not Present
	PR manning info	Not Tresent
	Information for each multiploving option	2 PPMuxOntions
	PLC logical channel manning indicator	2 Not Present
	- REC logical channel mapping indicator	1
	Liplink transport channel type	
	- Opinik transport channel identity	
	- OL Transport channel identity	5
	- CHOICE RLC Size list	Configured
	- IVIAU logical channel priority	4
	- DOWNINK RLC logical channel info	
	- Number of RLC logical channels	
	- Downlink transport channel type	DCH
	- DL DCH Transport channel identity	10
	- DL DSCH Transport channel identity	Not Present
	- Logical channel identity	4
	<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
	- Number of RLC logical channels	1
	<ul> <li>Uplink transport channel type</li> </ul>	RACH
	- UL Transport channel identity	Not Present
	- Logical channel identity	4
	- CHOICE RLC size list	Configured
	<ul> <li>MAC logical channel priority</li> </ul>	5
	- Downlink RLC logical channel info	
	- Number of RLC logical channels	1
	- Downlink transport channel type	FACH
	- DL DCH Transport channel identity	Not Present
	- DL DSCH Transport channel identity	Not Present
	- Logical channel identity	4
	UL Transport channel information for all transport	
1		i I

Information Element	Value/remark
channels	
- PRACH TECS	Not Present
- CHOICE Mode	
	Not Present
	NOTFIESEN
	Normal
	Normai
CHOICE TFCS representation	AdditionComplete reconliguration
information	
- CHOICE CTFC Size	2 bit CTFC <del>ctfc2Bit</del>
- CTFC information <del>ctfc2Bit</del>	22 TFCs
- 2bit CTFC etfc2	0
<u>Power offset</u>	
InformationpowerOffsetInformation(OP)	
gainFactorInformation_CHOICE_Gain	computedGainFactors
-computedGainEactors Reference TEC ID	0
- CHOICE mode	FDD
- Power offset Pp-mpowerOffsetPp-m(OP)	Not Present
<u>2bit CTFC<del>ctfc2</del></u>	1
<u>-powerOffsetInformation(OP) Power offset</u>	
Information gainEasterInformation CHOICE Cain	signalledGainEactors
Factors	
- CHOICE modesignalledGainFactors	FDD
-modeSpecificInfo	fdd
-fdd	
- Gain factor Isc	15
- Reference TEC ID	15
- CHOICE mode	FDD
- Power offset Pp-m	Not Present
Added or Reconfigured UL TrCH information list	1
<ul> <li>Added or Reconfigured UL TrCH information</li> </ul>	
-ul-AddReconfTransChInfoList	4
<ul> <li>Uplink transport channel type</li> </ul>	DCH
- UL Transport channel identity	5
- TFS	
<ul> <li>CHOICE Transport channel type</li> </ul>	Dedicated transport channels
<ul> <li>Dynamic Transport Format Information</li> </ul>	
RLC size	<u>96 bits</u>
- Number of TBs and TTI List	2
- Transmission Time Interval	Not Present
- Number of Transport blocks	
- Iransmission Lime Interval	Not Present
- Number of Transport blocks	$\frac{1}{2}$
- CHOICE Logical Channel List	ALL
- Semi-static transport Format Information	40
	40 Convolutional
- Coding Pate	
- Pate matching attribute	<u>1/3</u> 256
- CRC size	12
	tii40
-tti40	4
-DedicatedDvnamicTF-Info	
- RLC size	octetModeType1 ((8*sizeType1)+16=96bit)
-octetModeType1	sizeType1
-sizeType1	40
-numberOfTbSizeList	2

Information Element	Value/remark
-NumberOfTransportBlocks	Zero
- <del></del>	
-NumberOfTransportBlocks	one
-one	
-logicalChannelList	allSizes
-allSizes	
-semistaticTE-Information	
-channelCodingType	convolutional
-convolutional	third
- Rate matching attribute	256
	crc12
DI Transport channel information common for all	
transport channel	
	Not Present
- CHOICE mode	FDD
- CHOICE DL parameters	Same as LII
Added or Reconfigured DL TrCH information list	
Added or Reconfigured DL TrCH information	<u>+</u>
dl AddPacentTransChinfal int	1
Downlink tropport obonnol trac	
- Downlink transport channel type	
	10 Company III
- CHOICE DL parameters	SameasUL
- Uplink transport channel type	DCH -
- UL TrCH Identity	5
- DCH quality target	
- BLER Quality value	<u>-2.0</u> -6.3
	Not Present
Frequency info	Not present
	Reference to clause 5.1 Test frequencies
	Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	Not present33dBm
Uplink DPCH infoCHOICE channel requirement	Uplink DPCH info
<ul> <li>Uplink DPCH power control info</li> </ul>	
- DPCCH power offset	-6dB
- PC Preamble	1 frame
- SRB delay	7 frames
- Power Control Algorithm	Algorithm1
- TPC step size	1dB
- CHOICE mode	FDD
	Long
Scrambling code number	0 (0 to 16777215)
- Number of DPDCH	Not present (1)
spreading Spreading factor	256
TFCI existence	TRUE
- Number of FBI bit	Not Present(0)
- Puncturing Limit	1
Downlink information common for all radio links	
Downlink DPCH info common for all RL	
- Timing Indication	Initialise
- CFN-targetSFN frame offset	Not present <del>0</del>
	FDD
- Downlink DPCH power control information	
- CHOICE mode	FDD
- DPC mode	0 (single)
- CHOICE mode	FDD
- Power offset P plu pessi	
- DL rate matching roctriction information	Not Present
- DL rate matching restriction information	
- Spreading factor	200

Information Element	Value/remark
<ul> <li>Number of bits for Pilot bits(SF=128,256)</li> </ul>	8
- Fixed or Flexible Position	Fixed
- TFCI existence	FALSE
- CHOICE SF	
<ul> <li>- Number of bits for Pilot bits</li> </ul>	<u>8</u>
- DPCH compressed mode info	Not Present
- TX Diversity mode	None
- SSDT information	Not Present
- Default DPCH Offset Value	Arbitrary set to value 0306688 by step of 5129
Downlink information for each per radio links list	
-Downlink information for each radio links	
- CHOICE mode	FDD
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	100
- PDSCH with SHO DCH info	Not Present
- PDSCH code mapping	Not Present
<ul> <li>Downlink DPCH info for each RL</li> </ul>	
- CHOICE mode	<u>FDD</u>
- Primary CPICH usage for channel estimation	Primary CPICH may be used
DPCH frame offset	Set to value : Default DPCH Offset Value mod 384000
	<del>chips</del>
- Secondary CPICH info	Not Present
DL channelisation code	
- Secondary scrambling code	1
Spreading factor	256
_ Code number	0
- Scrambling code change	Not present No change
- TPC combination index	0
- SSDT Cell Identity	Not Present
- Closed loop timing adjustment mode	Not Present
<ul> <li>SCCPCH information for FACH</li> </ul>	Not Present

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# Contents of SECURITY MODE COMMAND message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	
<ul> <li>Message authentication code</li> </ul>	Set to an arbitrarily selected 32-bits integer
- RRC Message Sequence Number	Set to an arbitrarily selected integer between 0 and 15
Security capability	
<ul> <li>Ciphering algorithm capability</li> </ul>	
- UEA0	If the UE has indicated support for ciphering algorithm
	UEA0 in the IE "security capability" in the RRC CONNECTION SETUP COMPLETE message, this IE is set to TRUE.If ciphering is not indicated to be active on IXIT statements in TS 34,123-2, set this IE to TRUE.
- UEA1	If the UE has indicated support for ciphering algorithm
	UEA1 in the IE "security capability" in the RRC
	CONNECTION SETUP COMPLETE message, this IE is
	set to TRUE.If ciphering is indicated to be active on IXIT statements in TS 34.123-2, set this IE to TRUE.
- Spare	Spare 2-15 = FALSE
<ul> <li>Integrity protection algorithm capability</li> </ul>	000000000000010B (UIA1)
- UIA1	TRUE
- Spare	Spare 0 and Spare 2-15 = FALSE
Ciphering mode info	This presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
- Ciphering mode command	Start/restart
- Ciphering algorithm	UEA0 or UEA1. The indicated algorithm must be one of
	the algorithms supported by the UE as indicated in the IE
	"security capability" in the RRC CONNECTION SETUP
	COMPLETE message. Use the same cipnening algorithm
	specified in ciphering algorithm capability. IE in this
Ciphoring activation time for DPCH	Hiessaye. Not Procent
Radio bearer downlink ciphering activation time     info	NOLFIESEN
- Radio bearer activation time	
- RB identity	1
- RI C sequence number	Current RLC SN+2
- RB identity	2
- RLC sequence number	Current RLC SN+2
- RB identity	3
- RLC sequence number	Current RLC SN + 2
- RB identity	4
- RLC sequence number	Current RLC SN + 2
Integrity protection mode info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-32. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Integrity protection mode command</li> </ul>	Start
<ul> <li>Downlink integrity protection activation info</li> </ul>	Not Present
<ul> <li>Integrity protection algorithm</li> </ul>	UIA1
<ul> <li>Integrity protection initialisation number</li> </ul>	SS selects an arbitrary 32 bits number for FRESH
CN domain identity	CS or PSSupported domain
UE system specific security capability	Not Checked

# 3GPP TSG- T1 Meeting #15 Lund, Sweden, 21<sup>st</sup>, 24<sup>th</sup> May 2002

# 3GPP TSG-T1/SIG Meeting #23 Lund, Sweden, 20-23 May 2002

# T1-020279

# Tdoc T1S-020245r3

#       34.108       CR       104       # rev       -       # Current version:       3.7.1       #         For HELP on using this form, see bottom of this page or look at the pop-up text over the # symbols.         Proposed change affects:       # (U)SIM       ME/UE X       Radio Access Network       Core Network         Title:       # Corrections to clause 6.1       *       *       Corrections to clause 6.1         Source:       # MCI, Ericsson       *       Date: # 2002-05-10         Work item code: # TEI       Date: # 2002-05-10         Category:       # F       Release: # R99         Use one of the following categories:       Use one of the following releases:		
For HELP on using this form, see bottom of this page or look at the pop-up text over the \$\$ symbols.         Proposed change affects: \$\$ (U)SIM ME/UE X Radio Access Network Core Network         Title:       \$\$ Corrections to clause 6.1         Source:       \$\$ MCI, Ericsson         Work item code: \$\$ TEI       Date: \$\$ 2002-05-10         Category:       \$\$ F Use one of the following categories:         Use one of the following releases:		
For HELP on using this form, see bottom of this page or look at the pop-up text over the \$\$ symbols.         Proposed change affects: \$\$ (U)SIM ME/UE X Radio Access Network Core Network         Title:       \$\$ Corrections to clause 6.1         Source:       \$\$ MCI, Ericsson         Work item code: \$\$ TEI       Date: \$\$ 2002-05-10         Category:       \$\$ F Use one of the following categories:         Use one of the following releases:		
Proposed change affects: #       (U)SIM       ME/UE X       Radio Access Network       Core Network         Title:       #       Corrections to clause 6.1                 Core Network        Core Network   <		
Title:       #       Corrections to clause 6.1         Source:       #       MCI, Ericsson         Work item code:       #       TEI       Date:       #       2002-05-10         Category:       #       F       Release:       #       R99         Use one of the following categories:       Use one of the following releases:		
Source:       # MCI, Ericsson         Work item code:       TEI       Date:       # 2002-05-10         Category:       # F       Release:       # R99         Use one of the following categories:       Use one of the following releases:		
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Work item code: #       TEI       Date: #       2002-05-10         Category:       #       F       Release: #       R99         Use one of the following categories:       Use one of the following releases:       Use one of the following releases:		
Work item code: #       TEI       Date: #       2002-05-10         Category:       #       F       Release: #       R99         Use one of the following categories:       Use one of the following releases:       Use one of the following releases:		
Category:       #       F       Release:       R99         Use one of the following categories:       Use one of the following releases:       Use one of the following releases:		
Category:       #       F       Release:       #       R99         Use one of the following categories:       Use one of the following releases:       Use one of the following releases:		
Use <u>one</u> of the following categories: Use <u>one</u> of the following releases:		
F (correction) 2 (GSM Phase 2)		
A (corresponds to a correction in an earlier release) R96 (Release 1996)		
<b>B</b> (addition of feature), R97 (Release 1997)		
C (tunctional modification of feature) R98 (Release 1998)		
D (editorial modification) K99 (Release 1999)		
be found in 2CPD TP 21 000		

Reason for change: अ	1) Agreed in T1SIG#22
	<ul> <li> T1S-020158r1 The corrections to default message included in this CR are proposed for the following reasons: <ul> <li>To align with the latest revision of the core specifications</li> <li>To introduce information that is typically needed in real network configurations</li> <li>To avoid transmission of redundant information (efficiency)</li> </ul></li></ul>
	T1S-020206
	There are some errors and some unrealistic choices in the current default settings of SIB 11 and 12, which are proposed to be corrected.
	2) T1SIG#23
	<ul> <li>There is an inconsistency for the value of Qqualmin, Qrxlevmin and Maximum allowed UL TX power between table 6.1.1 and SIB 3/4.</li> <li>The specified CTFC "10" for SCCPCH is not defined in TS34.108 clause 6.10.2.4.3.3.1.4.</li> <li>It is proposed to set to "Not Present" in all MD IEs for UE Timer Value so that default value shall be used.</li> <li>N312 from 200 to 1. T312 from 5 to 1.</li> </ul>
	When a physical dedicated channel establishment is initiated by the UE, the UE starts a timer T312 and waits for layer 1 to indicate N312 successive "in sync" indications. On receiving N312 successive "in sync" indications, the physical channel is considered established and the timer T312 is stopped and reset. If the timer T312 expires before the physical channel is established, the

	UE considers this as a "physical channel establishment failure".
	IS It necessary to wait for 200 in sync indications to determine that the channel is established
	Proposal to change N312 to 1 and T312 to 1. This is also in line with the
	default values as specified in 25.331.
	- N315 from 200 to 1. T313 from 10 seconds to 3 seconds.
	In CELL_DCH state, after receiving N313 consecutive "out of sync"
	indications from layer 1 for the established DPCCH physical channel in FDD,
	T313 Upon receiving N315 successive "in sync" indications from layer 1 and
	upon change of LIE state the LIE stops and resets timer T313. If T313 expires
	the UE considers it as a "Radio link failure".
	Is it necessary to wait for 200 "in sync" indications to determine that the
	connection is ok.
	Drepsel to shares N245 to 4 and T242 to 2 accords. This is also in line with
	Proposal to change N315 to 1 and 1313 to 3 seconds. This is also in line with
	the default values as specified in 25.551.
	- T317 from 1800 to 180.
	T317 specifies a time, in seconds, for a LIE to move from CELL_EACH to idla
	mode when "out of service area" Currently this is defined as 1800 seconds (30
	minutes). This is too long. Proposal to change this to the 25,331 specified default
	value of 180 seconds
	<ul> <li>SIB3 and SIB4. Change the value of Qhyst1s to 2. A hysteresis value of 0</li> </ul>
	does not serve any purpose.
	Silmit, SearchRAT is a mandatory is so insert a value.
	Some elements of the Access Service Class list included within the PRACH     partitioning" have been removed. This change avoids the transmission of
	redundant information and at the same time verifies the non-trivial
	"mandatory default" scheme defined for this IE in SIB5 and 6.
	<ul> <li>The corrections to the SIB5/6 messages included in this CR are proposed for</li> </ul>
	the following reasons.
	<ul> <li>To align with the latest revision of the core specifications</li> </ul>
	- To introduce information that is typically needed in real network configurations
	- To avoid transmission of redundant information (efficiency)
	<ul> <li>From viewing the tabular format of the MIB and SB it is difficult to fully</li> </ul>
	envisage how this information appears when laid out in Transport Blocks. It
	is proposed that a new table is inserted to provide this view.
	There should be more than one cell as New intra-frequency cells in SIB 11
	and 12 so that test condition in MM and GMM test case can be actualised.
Summary of change: #	1) Agreed T1SIG#22
	T1S-020158r1( with Yellow marker )
	SIB 5/ 6 default message
	Ear EDD primary CCDCH info only includes IE "Ty diversity indicator". In the
	latest RRC version it is clarified that in case Tx diversity is not used, then FDD
	Primary CCPCH info IE need not to be included (25.331 clause 10.2 48 8 8)
	The IE primary CCPCH info for FDD should thus be marked as Not Present to
	avoid transmission of redundant information (efficiency)
	In TS TS 25 221 the IE "Drimeny CDICH upons for shared estimation" use
	<ul> <li>III 15 15 25.551 the IE Primary OPICH usage for channel estimation "Was removed (replaced by dummy) from IE "Secondary COPCH info" (for EDD)</li> </ul>
I	

Therefore the IE is also removed from the default message

- In TS TS 25.331 the IE secondary CPICH info was removed (replaced by dummy) from IE "Secondary CCPCH info" (for FDD). Therefore the IE is also removed from the default message.
- -- T1S-020206( with Yellow marker )

The following corrections are proposed to the default content of SIB11 and 12:

- 1) Cell 1 is the serving cell for the UE in the default environment, and therefore, the IE Cell selection and reselection should not be included for that cell.
- 2) According to the current settings, the "Cell synchronisation information" shall be reported by the UE for the active set cells, and not for the monitored set cells. It is proposed to have the contrary configured, since getting the cell synchronisation information is mainly useful for the monitored cells (when such a cell needs to be added to the active set of the UE), while it does not seem that useful to get it for a cell in the active set.
- The IEs "Reporting deactivation threshold", "Amount of reporting" and "Reporting interval" are not needed for event 1b.
- 4) It is proposed to add event 1c to the default SIBs 11 and 12, since this seems to be the most natural choice to make: if event 1c is not configured, and if the "reporting deactivation threshold" is set to 3 for event 1a, as it is the case with the current settings, in case the UE has three cells in its active set and drifts in an area where the quality of the three cells decreases at the same time (in which case event 1b might never be triggered), UTRAN will never get any information about which cell should be added to the active set of the UE to save the connection.

In SIB 12, the serving cell is not included, since it has already been included in SIB 11.

2) T1SIG#23

The following corrections are added into SIB3 and 4 for FDD.

Qqualmin -20 dB  $\rightarrow$  Reference to table 6.1.1

Qrxlevmin -115 dBm → Reference to table 6.1.1

Maximum allowed UL TX power 33 dBm  $\rightarrow$  Reference to table 6.1.1

The following TFC is removed in SIB5 and 6.

(PCH, FACH for CCCH/DCCH/BCCH, FACH for DTCH) = (TF0, TF2, TF1)

The green marker show the revisions as rev1.

The SIB\_POS in MIB an SB1 shoud be set to multiple of 2.

Correction of Cell Value tag (should be 1 not 2) and SEG\_COUNT (should be 1 not 2) for SB1.

Change the values of some timers and constants in SIB1.

Change the value of Qhyst1s to 2 in SIB 3 and 4.

Insert a value for Slimit, SearchRAT in SIB 3 and 4.

The IE "Preamble Retrans Max" is changed from 2 to 4. RSCP measurements have limited accuracy. Therefore a value of 2 is considered to be on the low side; 4 is considered to be a more typical value used in real network configurations in SIB5 and 6.

In 6.1.1 the IE "AICH transmission timing" is changed from 0 to 1. This IE concerns a basic parameter for which a value of 1 may be required in larger cells.

3

	The change ensures that both values are verfied in SIB5 and 6.
	In SIB 6, subclause 6.1, the TFS for the FACH on which the SRBs are mapped includes 4 TF while the corresponding TFS in SIB 5 only includes 3 TFs. The additional TF included in SIB 6 has been removed since it is not used (considering the CTFC- values) and marked as an alternative configuration in section 6.10.2.4.3.3.1.4.
	<u>"Reporting deactivation threshold" for event 1a in SIB11 and SIB12 changed from 3 to 2.</u>
	Insert table showing how MIB/SB/SIBs are allocated over one System Information cycle.
	To make navigation in 34.108 easire the style of the headings for MIB, SB and SIB tables have been changed to "Heading 7" to achive that the headings appear in table of contents.
	The blue marker show the revisions as rev2.
	The number of cells is set to 8 from 1and each cell information are included in SIB 11 and 12.
	The blue marker show the revisions as rev3.
Consequences if # not approved:	1) Agreed T1SIG#22 T1S-020158r1
	In case the CR is not approved the test specification will
	<ul> <li>lack information that is typically needed in real network configurations</li> </ul>
	<ul> <li>include transmission of redundant information (inefficiency)</li> <li> T1S-020206</li> </ul>
	Erroneous/unrealistic default parameter settings of SIB11/12
	2) T1SIG#23
	It will remain an inconsistency definition in SIB 3 and 4.
	It will remain an impossible TFC in SCCPCH.
	Some strange values for some timers and constants will be In use.
	MM and GMM test cases cannot work.
Olaviana affantada 00	

 Clauses affected:
 #
 6.1, 6.1.1, 6.1.2, 6.1.3,

 Other specs
 #
 Other core specifications
 #

 affected:
 Test specifications
 #

 Other comments:
 #
 Other comments:
 #

#### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

#### <Start of modified section>

# 6 Reference System Configurations

This clause defines a number of Reference System Configurations which can be used for different tests.

# 6.1 Simulated network environments

The UE will eventually have to operate in either single mode networks (FDD or TDD) and dual mode networks (FDD+TDD).

It is <ffs> whether a reference environment needs to be defined for multi-mode networks (eg: the environment could be created by combining two appropriate reference environments from the single mode cases).

The following tables list the default parameters for 1 to 8 cell environments for testing.

In this clause, decimal values are normally used. However, sometimes a hexadecimal value, indicated by an "H", or a binary value, indicated by a "B" is used.

# 6.1.0a Default Master Information Block and Scheduling Block messages

# 6.1.0a.1 Grouping SIBs for testing

Mandatory in	Used in Idle Mode	MIB, SB1, (SB2), SIB1, SIB2, SIB3, SIB5, SIB7,
<mark>34.108</mark>		SIB11
	Used in Connected	SIB4, SIB6, SIB12
	Mode	
Mandatory	/ for FDD CPCH	SIB8, SIB9
Mandatory	/ for FDD DRAC	SIB10
Mandatory for TDD		SIB14, SIB17
Mandatory for LCS		SIB15, SIB15.1, SIB15.2, SIB15.3
Mandatory for ANSI-41 system		SIB13, SIB13.1, SIB13.2, SIB13.3, SIB13.4
Mandatory for InterSys HO		SIB16
Mandatory for Cell reselection		SIB18

# 6.1.0a.2 SIB configurations

<u>Currently three SIB configurations are used, Configuration 1 is default for both UTRAN/FDD SYSTEM and</u> <u>UTRAN/FDD + GERAN SYSTEM. Configuration 2 is for test cases which need two S</u> <u>CCPCH or two PRACH.</u> <u>Configuration 3 is for inter-RAT handover test cases.</u>

Configuration 1	MIB, SB1, SIB1, SIB2, SIB3, SIB4, SIB5, SIB6, SIB7, SIB11, SIB12,
	SIB18
Configuration 2	MIB, SB1, SIB1, SIB2, SIB3, SIB4, SIB5, SIB7, SIB11, SIB12, SIB18
Configuration 3	MIB, SB1, SIB1, SIB2, SIB3, SIB4, SIB5, SIB7, SIB11, SIB16, SIB18

### 6.1.0a.3 SIB default schedule

Block Type	MIB	SB1	SIB1	SIB2	SIB3	SIB4	SIB5	SIB6	SIB7	SIB11	SIB12	SIB18
SIB REP	8	<mark>16</mark>	<mark>64</mark>	<mark>64</mark>	<mark>64</mark>	<mark>64</mark>	<mark>64</mark>	<mark>64</mark>	<mark>16</mark>	<mark>64</mark>	<mark>64</mark>	<mark>64</mark>
SEG COUNT	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<mark>4</mark>	<mark>4</mark>	1	<u>3</u>	<u>3</u>	<u>1</u>

Frame No / SIB_POS	<u>0</u>	2	<u>4</u>	<u>6</u>	<u>8</u>	<u>10</u>	<mark>12</mark>	<mark>14</mark>
Block Type	MIB	SB1	SIB7	SIB6	MIB	SIB6	SIB6	SIB6
Frame No / SIB_POS	<mark>16</mark>	<mark>18</mark>	<mark>20</mark>	<mark>22</mark>	<mark>24</mark>	<mark>26</mark>	<mark>28</mark>	<mark>30</mark>
Block Type	MIB	SB1	SIB7/SIB 3	<u>SIB1/SIB</u> 2	MIB	SIB12	SIB12	SIB12
Frame No / SIB_POS	<u>32</u>	<mark>34</mark>	<mark>36</mark>	<mark>38</mark>	<u>40</u>	<mark>42</mark>	<mark>44</mark>	<u>46</u>
Block Type	MIB	SB1	SIB7/SIB 18	SIB5	MIB	SIB5	SIB5	SIB5
Frame No / SIB_POS	<mark>48</mark>	<u>50</u>	<mark>52</mark>	<mark>54</mark>	<u>56</u>	<mark>58</mark>	<u>60</u>	<u>62</u>
Block Type	MIB	SB1	SIB7/SIB 4		MIB	SIB11	SIB11	SIB11

1

Contents of Master Information Block PLMN type is the case of GSM-MAP

- MIB value tag	1
Supported DLMN types	
- Supported PLININ types	
- PLMN type	GSM-MAP
- PLMN identity	
MCC digit	Sat to the same Mahile Country Codes stared in the test
	Set to the same woble Country Codes stored in the test
	USIM card (TS 34.108 clause 8.3.2.2 EF IMSI(IMSI)).
- MNC digit	Set to the same Mobile Network Codesstored in the test
	USIM card (TS 34.108 clause 8.3.2.2 EF IMSI(IMSI)).
- ANSI-41 Core Network information	Not Present
Deferences to other evoter information blocks	
- References to other system mormation blocks	
and scheduling blocks	
- References to other system information	
blocks	
DIOCKS	
<ul> <li>Scheduling information</li> </ul>	
- CHOICE Value tag	
- Cell Value tag	2 <u>1</u>
- Scheduling	
- SEG COUNT	21
- SIB_REP	16
- SIB POS	<b>1</b> 2
SIR DOS offect info	Not Procent use default
- SIB type	Scheduling Block 1
- Scheduling information	
	DI MNI Value tea
	PLIVIN Value lag
- PLMN Value tag	1
- SEG COUNT	1
- SIB_REP	64
- SIB_POS	1122
- SIR_POS offset info	Not Present – use default
- SIB type	System Information Type 1
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG COUNT	1
	64
- SIB_POS	1 <u>1122</u>
- SIB_POS offset info	Not Present – use default
SIR type	System Information Type 2
- SID type	System mornation Type 2
- Scheduling information	
- CHOICE Value tag	Cell Value tag
Coll Volue tog	1
- SEG_COUNT	1
- SIB REP	64
	1020
- SIB_POS offset info	Not Present – use default
- SIB type	System Information Type 3
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG COUNT	1
- SIB_REP	64
- SIB POS	<del>26</del> 52
- SIB_POS offset info	Not Present – use default
- SIB type	System Information Type 4
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG COUNT	4
	64
	04
- SIB_POS	1 <u>938</u>
- SIB_POS offset info	
	4
	<del>4</del>
- SIB_OFF	2
- SIB OFF	2
SID type	- System Information Type 5
	System initiation Type 3

I

# Contents of Scheduling Block 1 (FDD)

- References to other system information blocks	
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNŤ	4
- SIB REP	64
- SIB POS	<del>3</del> 6
- SIB_POS offset info	-
- SIB_OFF	4
- SIB_OFF	2
- SIB_OFF	2
- SIB type SIBs only	System Information Type 6
- Scheduling information	
- CHOICE Value tag	Not Present
- SEG_COUNT	1
- SIB_REP	16
- SIB_POS	2 <u>4</u>
- SIB_POS offset info	Not Present
- SIB type SIBs only	System Information Type 7
<ul> <li>Scheduling information</li> </ul>	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	3
- SIB_REP	64
- SIB_POS	<mark>2958</mark>
- SIB_POS offset info	
- SIB_OFF	2
- SIB_OFF	2
- SIB type SIBs only	System Information Type 11
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	3
- SIB_REP	64
- SIB_POS	<mark>13<u>26</u></mark>
- SIB_POS offset info	
- SIB_OFF	2
- SIB_OFF	2
- SIB type SIBs only	System Information Type 12
- Scheduling information	
- CHOICE Value tag	PLMN Value tag
- PLMN Value tag	1
- SEG_COUNT	1
- SIB_REP	64
- SIB_POS	18 <u>36</u>
- SIB_POS offset info	Not Present
- SIB type SIBs only	System Information Type 18

# Contents of Scheduling Block 1 (TDD)

- References to other system information blocks	
<ul> <li>Scheduling information</li> </ul>	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	4
- SIB_REP	128
- SIB_POS	19
<ul> <li>SIB_POS offset info</li> </ul>	
- SIB_OFF	4
- SIB_OFF	2
- SIB_OFF	2
<ul> <li>SIB type SIBs only</li> </ul>	System Information Type 5
<ul> <li>Scheduling information</li> </ul>	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	4

- SIB_REP	128
- SIB_POS	35
- SIB POS offset info	
- SIB OFF	2
- SIB_OFF	2
- SIB_OFF	2
- SIB type SIBs only	System Information Type 6
- Scheduling information	
- CHOICE Value tag	Not Present
- SEG_COUNT	1
	32
	11
SID_100	Not Procent
- SID_FUS Oliset IIIIO	Nul Fleselli System Information Type 7
- SID type SIDS Only	System mornation Type 7
- Scheduling information	
- SEG_COUNT	2
	128
- SIB_POS	29
- SIB_POS offset info	
- SIB_OFF	2
- SIB type SIBs only	System Information Type 11
<ul> <li>Scheduling information</li> </ul>	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	2
- SIB_REP	128
- SIB_POS	61
<ul> <li>SIB_POS offset info</li> </ul>	
- SIB_OFF	2
- SIB type SIBs only	System Information Type 12
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG COUNT	1
- SIB REP	64
	54
- SIB_POS offset info	Not Present - use default
- SIB type SIBs only	System Information Type 14
- Scheduling information	
- CHOICE Value tag	PLMN Value tag
- PI MN Value tag	1
	1
	128
	6
- SID_FUS SID_DOS offerst info	0 Not Dresent
	Nul Present
- SIB type SIBS only	System Information Type 18

### 6.1.0a.4 SIB special schedules

### 6.1.0a.4.1 SIB schedule for two S-CCPCH or two PRACH

**FFS** 

6.1.0a.4.2 SIB schedule for Inter-Rat Handover Test

**FFS** 

6.1.0b Default System Information Block Messages

Contents of System Information Block type 1 (supported PLMN type is GSM-MAP)

- CN common GSM-MAP NAS system	
information	
- GSM-MAP NAS system information	00 80H
- CN domain system information	
- CN domain identity	PS
- CHOICE CN Type	GSM-MAP
- CN domain specific NAS system information	
<ul> <li>GSM-MAP NAS system information</li> </ul>	00 00H
- CN domain specific DRX cycle length	7
coefficient	
- CN domain identity	CS
- CHOICE CN Type	GSM-MAP
- CN domain specific NAS system information	
<ul> <li>GSM-MAP NAS system information</li> </ul>	1E 01H
<ul> <li>CN domain specific DRX cycle length</li> </ul>	7
coefficient	
- UE Timers and constants in idle mode	
-T300	4000 milliseconds
-N300	7
-T312	10 seconds
- N312	<del>2001</del>
- UE Timers and constants in connected mode	
- T301	Not Present (2000 milliseconds : default value)
- N301	Not Present (2 : default value)
- T302	Not Present (4000 milliseconds : default value)
- N302	Not Present (3 : default value)
- T304	Not Present ( <u>12</u> 000 milliseconds : : default value)
- N304	Not Present ( 32 : default value)
- T305	Not Present ( <u>63</u> 0 minutes: default value)
- T307	Not Present ( 530 seconds : default value)
- 1308	Not Present (160320 milliseconds : default value)
- 1309	Not Present (85 seconds : default value)
- 1310	Not Present (160320 milliseconds : default value)
- N310	Not Present ( 54 : default value)
- 1311	Not Present (2000500 milliseconds : default value)
- 1312	Not Present - (1 seconds - : : default value)
- N312	Not Present (200 1 : default value)
- 1313	Not Present ( <u>10-3</u> seconds : :default value)
- N313	Not Present (20: default value)
- 1314	Not Present (20-12 seconds: default value)
- 1315	SUNOT Present (180 seconds : default value)
- N315	Not Present (200 1 : default value)
- 1316	Not Present ( 5030 seconds: default value)
- 1317	Not Prsesent (1800 seconds : default value)

Contents of System Information Block type 2

- URA identity list	Only 1 URA identity broadcasted
- URA identity	0000 0000 0000 0001B

Contents of System Information Block type 3 (FDD)

- SIB4 indicator	TRUE
- Cell identity	0000 0000 0000 0000 0000 0000 0001B
- Cell selection and re-selection info	
- Mapping info	Not Present
- Cell selection_and_reselection_quality	CPICH RSCP
measure	
- CHOICE mode	FDD
- Sintrasearch	16 dB
- Sintersearch	16 dB
- SsearchHCS	Not Present
- RAT List	This parameter is configurable.
- RAT identifier	GSM
- Ssearch,RAT	-32 dB
- SHCS,RAT	Not Present
- Slimit,SearchRAT	Not Present0
- Qqualmin	Reference to table 6.1.1-20 dB
- Qrxlevmin	Reference to table 6.1.1-115 dBm
- Qhyst1s	0-2 dB
- Qhyst2s	Not Present
- Treselections	0 seconds
- HCS Serving cell information	Not Present
- Maximum allowed UL TX power	Reference to table 6.1.133dBm
- Cell Access Restriction	
- Cell barred	Not barred
- Intra-frequency cell re-selection indicator	Not present
- T <sub>barred</sub>	Not present
<ul> <li>Cell Reserved for operator use</li> </ul>	Not reserved
- Cell Reservation Extension	Not reserved
- Access Class Barred List	
- Access Class Barred0	Not barred
- Access Class Barred1	Not barred
- Access Class Barred2	Not barred
- Access Class Barred3	Not barred
- Access Class Barred4	Not barred
- Access Class Barred5	Not barred
- Access Class Barred6	Not barred
- Access Class Barred7	Not barred
- Access Class Barred8	Not barred
- Access Class Barred9	Not barred
- Access Class Barred10	Not barred
- Access Class Barred11	Not barred
- Access Class Barred12	Not barred
- Access Class Barred13	Not barred
- Access Class Barred14	Not barred
- Access Class Barred15	Not barred

Contents of System Information Block type 3 (TDD)

- SIB4 Indicator	TRUE
- Cell identity	0000 0000 0000 0000 0000 0000 0001B
- Cell selection and re-selection info	
- Mapping info	Not present
- Cell selection_and_reselection_quality	CPICH RSCP
measure	
- CHOICE mode	TDD
- Sintrasearch	10 dB
- Sintersearch	10 dB
- SsearchHCS	Not present
- RAT List	This parameter is configurable.
- RAT identifier	GSM
- Ssearch,RAT	-32 dB
- SHCS,RAT	Not present
- Slimit,ShearchRAT	Not Present
- Qrxlevmin	<mark>-115 dBm</mark>
- Qhyst1s	0 dB
- Treselections	0 seconds
- HCS Serving cell information	Not present
- Maximum allowed UL TX power	30dBm
- Cell Access Restriction	
- Cell barred	Not barred
<ul> <li>Intra-frequency cell re-selection indicator</li> </ul>	Not present
- T <sub>barred</sub>	Not present
<ul> <li>Cell Reserved for operator use</li> </ul>	Not reserved
- Cell Reservation Extension	Not reserved
- Access Class Barred List	
- Access Class Barred0	Not barred
- Access Class Barred1	Not barred
- Access Class Barred2	Not barred
- Access Class Barred3	Not barred
- Access Class Barred4	Not barred
- Access Class Barred5	Not barred
- Access Class Barredo	Not barred
- Access Class Barred7	Not barred
- Access Class Barred8	Not barred
- Access Class Barred9	Not barred
- Access Class Barred10	Not barred
- Access Class Barred11	Not barred
- Access Class Barred12	Not barred
- Access Class Barred13	
- Access Class Barred14	Not barred
- Access Class Barred15	Not barred
## Contents of System Information Block type 4 in connected mode (FDD)

- Cell identity	0000 0000 0000 0000 0000 0001B
- Cell selection and re-selection info	
- Manning Info	Not present
- Cell selection and reselection quality -	
CHOICE mode	
- Sintrasearch	
- Sintersearch	16 dB
- SsearchHCS	Not present
- RAT List	This parameter is configurable.
- RAT identifier	GSM
- Ssearch,RAT	-32 dB
- SHCS,RAT	Not Present
- Slimit,SearchRAT	Not Present0
- Qqualmin	Reference to table 6.1.1-20 dB
- Qrxlevmin	Reference to table 6.1.1-115 dBm
- Qhyst1s	<mark>- <mark> 2</mark> dB</mark>
- Qhyst2s	Not Present
- Treselections	0 seconds
<ul> <li>HCS Serving cell information</li> </ul>	Not Present
- Maximum allowed UL TX power	Reference to table 6.1.133dBm
- Cell Access Restriction	
- Cell barred	Not barred
- Intra-frequency cell re-selection indicator	Not present
- Tharred	Not present
- Access Class Barred	Not barred
- Cell Reserved for operator use	Not reserved
- Cell Reservation Extension	Not reserved
- Access Class Barred List	
- Access Class Barred0	Not barred
- Access Class Barred1	Not barred
- Access Class Barred2	Not barred
- Access Class Barred3	Not barred
- Access Class Barred4	Not barred
- Access Class Barred5	Not barred
- Access Class Barred6	Not barred
- Access Class Barred7	Not barred
Access Class Barred?	Not barred
Access Class Dalledo	Not barred
Access Class Dalleds	Not barred
- ACCESS Class Dalleu IU Access Class Darred 11	Not barred
	Not barred
- Access Class Barred 2	
- Access Class Barred13	
- Access Class Barred14	
- Access Class Barred15	Not barred

## Contents of System Information Block type 4 in connected mode (similar to SIB type3) (TDD)

- Cell identity	0000 0000 0000 0000 0000 0001B
Cell coloction and re-soloction info	0000 0000 0000 0000 0000 0000 0001B
Mapping info	Not Procent
- Mapping into	
CHOICE mode	
- Sintrasearch	
- Sintersearch	TU dB
- SsearchHCS	
- RAT List	This parameter is configurable.
- RAT identifier	GSM
- Ssearch,RAT	-32 dB
- SHCS,RAT	Not present
- Slimit,ShearchRAT	Not Present
- Qrxlevmin	-115 dBm
- Qhyst1s	0 dB
- Treselections	0 seconds
<ul> <li>HCS Serving cell information</li> </ul>	Not present
<ul> <li>Maximum allowed UL TX power</li> </ul>	30dBm
- Cell Access Restriction	
- Cell barred	Not barred
<ul> <li>Intra-frequency cell re-selection indicator</li> </ul>	Not present
- T <sub>barred</sub>	Not present
<ul> <li>Cell Reserved for operator use</li> </ul>	Not reserved
- Cell Reservation Extension	Not reserved
- Access Class Barred List	
- Access Class Barred0	Not barred
- Access Class Barred1	Not barred
- Access Class Barred2	Not barred
- Access Class Barred3	Not barred
- Access Class Barred4	Not barred
- Access Class Barred5	Not barred
- Access Class Barred6	Not barred
- Access Class Barred7	Not barred
- Access Class Barred8	Not barred
- Access Class Barred9	Not barred
- Access Class Barred10	Not barred
- Access Class Barred11	Not barred
- Access Class Barred12	Not barred
- Access Class Barred13	Not barred
- Access Class Barred14	Not barred
- Access Class Barred15	Not barred

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### Contents of System Information Block type 5 (FDD)

	,
- SIB6 indicator	TRUE
	r. dD
- PICH Power offset	-5 0B
- CHOICE Mode	FDD
- AICH Power offset	5 dB
- Primary CCPCH into	Not present
	FALSE
PPACH system information list	
- FRACIT System information list	
- PRACH system information	
- PRACH info	
CHOICE made	
	לעד
- Available Signature	'0000 0000 1111 1111'B
- Available SF	64
Descentes secondations and second second	0
- Preamble scrambling code number	0
- Puncturina Limit	1.00
- Available Sub Channel number	(1111 1111 1111)B
- Transport Channel Identity	15
- RACH TES	
CHOICE Transport shannal type	Common transport channels
- CHOICE Transport channel type	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RI C size	168
Number of TD and TTL List	
- Number of TB and TTT List	
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
CHOICE Logical Channel List	Configured
- RLC size	360
- Number of TB and TTI +List	
- Number of Transport blocks	1
- CHUICE Mode	FUU
<ul> <li>CHOICE Logical Channel List</li> </ul>	Configured
- Semi-static Transport Format information	Ŭ
	00 ma
- Transmission time interval	20 ms
<ul> <li>Type of channel coding</li> </ul>	Convolutional
- Coding Rate	1/2
Dete meteking ettrikute	150
- Rate matching attribute	150
- CRC size	16
- RACH TECS	
Normal	
- IFCI Field 1 information	
- CHOICE TFCS representation	Complete reconfiguration
TECS Complete reconfiguration	••••••
information	
information	
- CHOICE CTFC Size	2 bit
- CTEC information	0
Dower offect information	
- Power onset information	
- CHOICE Gain Factors	Computed Gain Factor
- Reference TFC ID	
- Power offset Pp-m	0 dB
- CTFC information	1
- Power offset information	
	Simpelled Opin Faster
- CHUICE Gain Factors	Signalled Gain Factor
- Gain factor ßc	11
- Gain factor Rd	15
Potoronoo TEC ID	
- CHOICE Mode	עטא
- Power offset Pp-m	0 dB
- PRACH partitioning	
- Access Service Class	
- Access Service Class - ASC Setting	Not Present
- PRACH partitioning - Access Service Class - ASC Setting 	Not Present
- PRACH partitioning     - Access Service Class     - ASC Setting	Not Present FDD
- PRACH partitioning     - Access Service Class     - ASC Setting	Not Present FDD 0 (ASC#0)
- PRACH partitioning     - Access Service Class     - ASC Setting	Not Present FDD 0 (ASC#0) 7 (ASC#0)
- PRACH partitioning     - Access Service Class     - ASC Setting	Not Present FDD 0 (ASC#0) 7 (ASC#0) 11111'B
- PRACH partitioning     - Access Service Class     - ASC Setting     - CHOICE mode     - Available signature Start Index     - Available signature End Index     - Assigned Sub-channel Number     - ASC Setting	Not Present FDD <del>0 (ASC#0)</del> <del>7 (ASC#0)</del> '1111'B
- PRACH partitioning     - Access Service Class     - ASC Setting     - CHOICE mode     - Available signature Start Index     - Available signature End Index     - Assigned Sub-channel Number     - ASC Setting     - CHOICE mode	Not Present FDD <del>0 (ASC#0)</del> <del>7 (ASC#0)</del> <del>11111B</del>
- PRACH partitioning     - Access Service Class     - ASC Setting	Not Present FDD <del>0 (ASC#0)</del> <del>7 (ASC#0)</del> <del>11111'B</del> FDD
- PRACH partitioning     - Access Service Class     - ASC Setting     - CHOICE mode     - Available signature Start Index     - Available signature End Index     - Assigned Sub-channel Number     - ASC Setting     - CHOICE mode     - Available signature Start Index	Not Present FDD 0 (ASC#0) 7 (ASC#0) 11111B FDD 0 (ASC#1)

- Assigned Sub-channel Number	'1111'B
- ASC Setting	Not Present
- Available signature Start Index	0 (ASC#2)
- Available signature End Index	7 (ASC#2)
Assigned Sub-channel Number	<mark>'1111'B</mark>
- ASC Setting	
- CHOICE mode - Available signature Start Index	
- Available signature End Index	7 (ASC#3)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	Not Present
- Available signature Start Index	<del>U (ASC#4)</del> 7 (ASC#4)
- Assigned Sub-channel Number	<u>'1111'B</u>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#5)
- Available signature End Index	7 (ASC#5) '1111'B
- ASC Setting	Not Present
	FDD
————————————————————————————————————	<mark>0 (ASC#6)</mark>
<ul> <li>Available signature End Index</li> </ul>	<del>7 (ASC#6)</del>
- ASC Setting	<del></del>
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#7)
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#7)
- Assigned Sub-channel Number	'1111'B
- Persistence scaling factor	0.9 (for ASC#2)
- Persistence scaling factor	0.9 (for ASC#3)
- Persistence scaling factor	0.9 (for ASC#4)
- Persistence scaling factor	0.9 (for ASC#5)
- Persistence scaling factor	0.9 (for ASC#6)
- Persistence scaling factor	0.9 (for ASC#7)
- AC-to-ASC mapping table	6 (AC0-9)
- AC-to-ASC mapping	5 (AC10)
- AC-to-ASC mapping	4 (AC11)
- AC-to-ASC mapping	3 (AC12)
- AC-to-ASC mapping	2 (AC13) 1 (AC14)
- AC-to-ASC mapping	0 (AC15)
- Primary CPICH DL TX power	31
- Constant value	-10
- PRACH power offset	2dD
- Power Ramp Step - Preamble Retrans Max	24
- RACH transmission parameters	
- Mmax	2
- NB01min	3 slot
- NB01max	10 slot
- Channelisation code	3
- STTD indicator	FALSE
- AICH transmission timing	0
- Secondary CCPCH system information	
- Primary CPICH usage for channel estimation	Primary CPICH may be used
Secondary CPICH info	Not Present
- Secondary scrambling code	Not Present
- STID indicator	FALSE
- Code number	0 <del>4</del> 1
- Pilot symbol existence	FALSE

- Fixed or Flexible position	Flexible
- Timing offset	0
- TFCS	(This IE is repeated for TFC number for PCH and FACH.)
- Normal	
- TFCI Field 1 information	
- CHOICE TFCS representation	Complete reconfiguration
- IFCS complete information	
- CHOICE CIFC Size	
- CIFC information	
- Power offset information	Not Present
- CIFC Information	 Not Dresent
- Power offset information	
- CTFC Information	2 Not Present
- Fower offset information	
- CTFC Information	S Not Present
- CTEC information	
- Power offset information	Not Present
- CTEC information	5
- Power offset information	Not Present
- CTEC information	6
- Power offset information	Not Present
- CTFC information	8
- Power offset information	Not Present
	10
	Not Present
- FACH/PCH information	
- TFS	(PCH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	240
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	230
- CRC size	
- Transport Channel Identity	12 (for PCH)
- CICH indicator	FALSE
	(FACH)
- CHOICE Transport channel type	Common transport channels
	169
- RLC SIZE	100
- Number of Transport blocks	0
- Number of Transport blocks	1
- Number of Transport blocks	2
- CHOICE Mode	
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	220
- CRC size	16 bit
- Transport Channel Identity	13 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	360
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1

- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	10 ms
<ul> <li>Type of channel coding</li> </ul>	Turbo
<ul> <li>Rate matching attribute</li> </ul>	130
- CRC size	16bit
<ul> <li>Transport Channel Identity</li> </ul>	14 (for FACH)
- CTCH indicator	FALSE
- PICH info	
- Channelisation code	2
- Number of PI per frame	18
- STTD indicator	FALSE
- CBS DRX Level 1 information	Not Present

## Contents of System Information Block type 5 (TDD)

- SIB6 indicator	TRUE
- PICH Power offset	-5 dB
- CHOICE Mode	TDD
- PUSCH system information	Not Present
- PDSCH system information	Not Present
- TDD open loop power control	
- Primary CCPCH Tx Power	30 dbm
- Alpha	(1/8)
- PRACH Constant Value	-10
- DPCH Constant Value	-10
- PUSCH Constant Value	-10
- Primary CCPCH info	
- CHOICE mode	TDD
- CHOICE SyncCase	Sync Case 2
- Timeslot	0
- Cell parameters ID	Not Present
- SCTD indicator	FALSE
- PRACH system information list	
<ul> <li>PRACH system information</li> </ul>	
- PRACH info	
- CHOICE mode	TDD
- Timeslot number	14
<ul> <li>PRACH Channelisation Code List</li> </ul>	
- CHOICE SF	SF8
<ul> <li>Channelisation Code List</li> </ul>	
- Channelisation Code	8/1
- Channelisation Code	8/2
- Channelisation Code	8/3
- Channelisation Code	8/4
- PRACH Midamble	Direct
- Transport Channel Identity	15
- RACH TFS	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
	Reference clause 6.10 Parameter Set
- Number of TB and TTI List	Reference clause 6.10 Parameter Set
- Number of Transport blocks	Reference clause 6.10 Parameter Set
- CHOICE Mode	IDD Nat Brazant
- Transmission Time Interval	Not Present
- CHOICE Logical Channel List	ALL
- Semi-static transport Format information	Deference clause 6.10 Decemptor Set
- Transmission time interval	Reference clause 6.10 Parameter Set
- Type of channel couling Coding Pato	Reference clause 6.10 Parameter Set
Poto matching attribute	Reference clause 6.10 Falameter Set
	Reference clause 6.10 Parameter Set
	Not present
- PRACH nartitioning	
- Access Service Class	
- ASC Settings	(ASC#0)
/ oo oettiinga	

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	- CHOICE mode	עטו
	<ul> <li>Available Channelisation codes indices</li> </ul>	Not Present (Default all)
	<ul> <li>CHOICE subchannel size</li> </ul>	Size1
	- Available Subchannels	null
	- ASC Settings	(ASC#1)
	CHOICE mode	
	- CHOICE HOUE	Net Present (Default all)
	- Available Channelisation codes indices	Not Present (Default all)
	- CHOICE subchannel size	Size1
	- Available Subchannels	null
	- ASC Settings	(ASC#2)
	- CHOICE mode	TDD
	<ul> <li>Available Channelisation codes indices</li> </ul>	Not Present (Default all)
	- CHOICE subchannel size	Size1
	Available Subshannels	pull
	- ASC Settings	(ASC#3)
	- CHOICE mode	ממו
	<ul> <li>Available Channelisation codes indices</li> </ul>	Not Present (Default all)
	<ul> <li>CHOICE subchannel size</li> </ul>	Size1
	<ul> <li>Available Subchannels</li> </ul>	null
	- ASC Settings	(ASC#4)
	- CHOICE mode	
	- Available Channelisation codes indices	Not Present (Default all)
		Size1
	Available Subabanala	
	- ASC Settings	
	- Available Channelisation codes indices	Not Present (Default all)
	- CHOICE subchannel size	Size1
	<ul> <li>Available Subchannels</li> </ul>	null
	- ASC Settings	(ASC#6)
	- CHOICE mode	TDD
	<ul> <li>Available Channelisation codes indices</li> </ul>	Not Present (Default all)
	- CHOICE subchannel size	Size1
	- Available Subchannels	null
	- Persistence scaling factors	
	- Access Service Class	
	- Persistence scaling factor	0.9 (for ASC#2)
	- Tersistence scaling factor	0.9 (101 A S C #2)
	- Persistence scaling factor	0.9 (for ASC#4)
	- Persistence scaling factor	0.9 (for ASC#5)
	- Persistence scaling factor	0.9 (for ASC#6)
	- AC-to-ASC mapping	
	<ul> <li>AC-to-ASC mapping table</li> </ul>	
	- AC-to-ASC mapping	6 (AC0-9)
	- AC-to-ASC mapping	5 (AC10)
	- AC-to-ASC mapping	4 (AC11)
	- AC-to-ASC mapping	3 (AC12)
	- AC-to-ASC mapping	$2(\Delta C_{13})$
	- AC-to-ASC mapping	1 (AC14)
	- A C to A S C mapping A C to A S C mapping	0 (AC15)
	CHOICE made	TDD (no data)
	- UNULE INDUE	(ווט uata)
	- Secondary CCPCH system information	
	- Secondary CCPCH system information	
	- Secondary CCPCH into	
	- CHOICE mode	לטו
	- Offset	0
	- Common timeslot info	
	- 2 <sup>11</sup> interleaving mode	Frame
	- TFCI coding	Reference clause 6.10 Parameter Set
	- Puncturing limit	Reference clause 6.10 Parameter Set
	- Repetition period	Not Present (MD "1")
	- Repetition length	Not present
	- Individual timeslot info	P
	- Timeslot number	1
	- TECI existence	Reference clause 6 10 Parameter Set
	- Midamble Shift and burst type	
	- Midamble Allocation Mode	Default midamblo
	- Iviliamble Allocation burstime 4 and 0	
	- midample configuration purst type 1 and 3	4

Midawakia Okifi	Net Decent
- Midamble Shift	Not Present
- Channelisation Code	Reference clause 6 10 Parameter Set
	This IF is repeated for TEC number for DCH and
- 11 00	$\Gamma$ (This is repeated for TFC humber for FCH and FACH)
- Normal	
- TFCI Field 1 information	
- CHOICE TFCS representation	Addition
- TFCS addition information	
- CHOICE CTFC Size	Number of bits used must be enough to cover all
	combinations of CTFC from clause 6.10.
- CTFC information	Reference clause 6.10 Parameter Set
- Power offset information	Not Present
- FACH/PCH information	
- TFS	(PCH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- KLU Size	Reference clause 6.10 Parameter Set
- NUMBER OF IB AND I II LIST	Reference clause 6.10 Parameter Set
	Reference clause 6.10 Parameter Set
- UTIVIUE IVIUUE	Reference clause 6.10 Parameter Set
- Manamiaaion Time Interval	
- Semi-static Transport Format information	
- Transmission time interval	Reference clause 6.10 Parameter Set
- Type of channel coding	Reference clause 6.10 Parameter Set
- Coding Rate	Reference clause 6.10 Parameter Set
- Rate matching attribute	Reference clause 6.10 Parameter Set
- CRC size	Reference clause 6.10 Parameter Set
- Transport Channel Identity	12 (for PCH)
- CTCH indicator	FALSE
- TFS	(FACH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	Reference clause 6.10 Parameter Set
- Number of TB and III List	Reference clause 6.10 Parameter Set
	Reference clause 6.10 Parameter Set
	Potoronoo clauso 6 10 Poromotor Sot
- Hansmission Time Interval	
- Semi-static Transport Format information	
- Transmission time interval	Reference clause 6.10 Parameter Set
- Type of channel coding	Reference clause 6.10 Parameter Set
- Coding Rate	Reference clause 6.10 Parameter Set
- Rate matching attribute	Reference clause 6.10 Parameter Set
- CRC size	Reference clause 6.10 Parameter Set
- Transport Channel Identity	13 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	Deference clause 0.40 Decementary Oct
- RLU SIZE	Reference clause 6.10 Parameter Set
- Number of Transport blocks	Reference clause 6.10 Parameter Set
- CHOICE Mode	TDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	Reference clause 6.10 Parameter Set
- Type of channel coding	Reference clause 6.10 Parameter Set
- Coding Rate	Reference clause 6.10 Parameter Set
- Rate matching attribute	Reference clause 6.10 Parameter Set
- CRC size	Reference clause 6.10 Parameter Set
- Transport Channel Identity	14 (for FACH)
- CTCH indicator	FALSE
- PICH info	
- CHOICE mode	TDD
- Channelisation code	16/16
- Limeslot number	
- CHOICE Burst Type	Гуре 1

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- Midamble Shift	0
- Repetition period/length	64/2
- Offset	0
<ul> <li>Paging indicator length</li> </ul>	4
- N <sub>GAP</sub>	4
- N <sub>PCH</sub>	2
- CBS DRX Level 1 information	Not Present

## Contents of System Information Block type 6 in connected mode (FDD)

- PICH power offset	-5 dB
- CHOICE Mode	FDD
- AICH power offset	5 dB
- Primary CCPCH info	Not present
- TX Diversity indicator	FALSE
- PRACH system information list	
- PRACH system information	
- PRACH info	
- CHOICE mode	FDD
- Available Signature	'0000 0000 1111 1111'B
- Available SF	64
- Preamble scrambling code number	0
- Puncturing Limit	1.00
- Available Sub Channel number	'1111 1111 1111'B
- Transport Channel Identity	15
- RACH TFS	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC size	168
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	Configured
- RLC size	360
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	Configured
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	20 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	150
	16
- RACH IFCS	
- Normal	
- IFCI Field 1 Information	Complete recention
- CHOICE TECS representation	Complete reconliguration
	2 hit
- CTFC information	
- Power offset information	
- CHOICE Gain Factors	Computed Gain Factor
- Reference TFC ID	
- CHOICE Mode	FDD
- Power offset Pp-m	0 dB
- CTFC information	1
- Power offset information	
- CHOICE Gain Factors	Signalled Gain Factor
- Gain factor ßc	11
- Gain factor ßd	15
- Reference TFC ID	0
- CHOICE Mode	FDD
- Power offset Pp-m	0 dB
- PRACH partitioning	
- Access Service Class	
- ASC Setting	Not Present

- CHUICE Mode	
- Available signature Statt Huex	
Assigned Sub chapped Number	<del>7 (ASC//U)</del> (1111/P
ASC Sotting	<del></del>
- CHOICE mode	EDD
- Available signature Start Index	
- Available signature Start Index	7 (ASC#1)
- Available Signature End Index	7 (ASC#1) (1111)P
ASSIGNED Sub-Channel Number	Not Propert
- ASC Setting	
- Available signature Start Index	
Available signature End Index	
Assigned Sub channel Number	(1111)P
- ASC Setting	
- CHOICE mode	EDD
- Available signature Start Index	0 (ASC#3)
- Available signature Start Index	7 (ASC#3)
- Assigned Sub-chappel Number	7 (ASC#3) 11111'B
	Not Procent
- ASC Setting	
- Available signature Start Index	$0 (\Lambda SC \# A)$
Available signature End Index	<del>υ (ΑθΟ#4)</del> 7 (Δ90#4)
Assigned Sub chapped Number	(1111)P
ASC Sotting	<del></del>
- ASC Setting	EDD
- CHOICE III00e Available signature Start Index	
- Available signature Start Index	7 (ASC#5)
- Available Signature End Index	7 (ASC#5)
ASC Softing	Not Procent
	EDD
Available signature Start Index	
- Available signature Start muck	7 (ASC#6)
- Assigned Sub-channel Number	(1111)B
- ASC Setting	<del></del>
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#7)
- Available signature End Index	7 (ASC#7)
- Assigned Sub-channel Number	(1111'B
- Persistence scaling factor	
- Persistence scaling factor	0.9 (for ASC#2)
- Persistence scaling factor	0.9 (for ASC#3)
- Persistence scaling factor	0.9 (for ASC#4)
- Persistence scaling factor	0.9 (for ASC#5)
- Persistence scaling factor	0.9 (for ASC#6)
- Persistence scaling factor	0.9 (for ASC#7)
- AC-to-ASC mapping	Not Present
- Primary CPICH DL TX power	31
- Constant value	-10
- PRACH power offset	
- Power Ramp Step	3dB
- Preamble Retrans Max	24
- RACH transmission parameters	
- Mmax	2
- NB01min	3 slot
- NB01max	10 slot
- AICH info	
- Channelisation code	3
- STTD indicator	FALSE
- AICH transmission timing	0
- Secondary CCPCH system info	
- Secondary CCPCH info	
	Primary CPICH may be used
	Not Present
<ul> <li>Secondary scrambling code</li> </ul>	Not Present
- STTD indicator	
	FALSE
- Spreading factor	FALSE 64
- Spreading factor - Code number	FALSE 64 1

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- IFCI existence	
- Fixed of Flexible position	Flexible
- IFCS	(This IE is repeated for TFC number for PCH and FACH.)
- Normal	
- IFCI Field 1 information	
- CHOICE IFCS representation	Complete reconfiguration
<ul> <li>TFCS addition information</li> </ul>	
- CHOICE CTFC Size	4 bit
- CTFC information	0
<ul> <li>Power offset information</li> </ul>	Not Present
- CTFC information	1
<ul> <li>Power offset information</li> </ul>	Not Present
- CTFC information	2
<ul> <li>Power offset information</li> </ul>	Not Present
- CTFC information	3
- Power offset information	Not Present
- CTFC information	4
- Power offset information	Not Present
- CTFC information	5
- Power offset information	Not Present
- CTFC information	6
- Power offset information	Not Present
- CTEC information	8
- Power offset information	Not Present
CTEC information	10
- Power offset information	Not Present
EACH/DCH information	
- IFO CHOICE Transport channel turns	(PCR)
- CHOICE transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	240 (PCCH)
- Number of TB and TTI List	
- Number of Transport blocks	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	10 ms
<ul> <li>Type of channel coding</li> </ul>	Convolutional
- Coding Rate	1/2
<ul> <li>Rate matching attribute</li> </ul>	230
- CRC size	16 bit
- Transport Channel Identity	12 (for PCH)
- CTCH indicator	FALSE
- TFS	(FACH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	168
- Number of TB and TTI List	
- Number of Transport blocks	0
- Number of Transport blocks	1
- Number of Transport blocks	2
- Number of Transport blocks	
- CHOICE Mode	
- CHOICE Logical Channel List	
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Obully Nale Data matching attribute	220
- UKU SIZE Troppost Changel Identity	
- Transport Channel Identity	
	(FACH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	360
<ul> <li>Number of TB and TTI List</li> </ul>	

- Number of Transport blocks	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
<ul> <li>Type of channel coding</li> </ul>	Turbo
- Rate matching attribute	130
- CRC size	16bit
- Transport Channel Identity	14 (for FACH)
- CTCH indicator	FALSE
- PICH info	
- Channelisation code	2
- Number of PI per frame	18
- STTD indicator	FALSE
- CBS DRX Level 1 information	Not Present

## Contents of System Information Block type 6 in connected mode (similar to SIB type 5) (TDD)

-5 dB
TDD
Not Present
Not Present
30 dbm
(1/8)
-10
-10
-10
TDD
Sync Case 2
0
Not Present
FALSE
סמד
14
SF8
8/1
8/2
8/3
8/4
Direct
15
Common transport channels
Reference clause 6.10 Parameter Set
Reference clause 6.10 Parameter Set
Reference clause 6.10 Parameter Set
TDD
Not Present
ALL
Reference clause 6.10 Parameter Set
Not present

ASC Sottings	(ASC#0)
CHOICE mode	
- CHOICE III00e	Not Present (Default all)
- Available Channelisation codes indices	
- CHOICE subchannel size	Sizei
- Available Subchannels	null
- ASC Settings	(ASC#1)
- CHOICE mode	TDD
<ul> <li>Available Channelisation codes indices</li> </ul>	Not Present (Default all)
<ul> <li>CHOICE subchannel size</li> </ul>	Size1
- Available Subchannels	null
- ASC Settings	(ASC#2)
- CHOICE mode	TDD
<ul> <li>Available Channelisation codes indices</li> </ul>	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#3)
- CHOICE mode	
Available Channelisation codes indices	Not Procent (Default all)
CHOICE subshapped size	Sizo1
- CHOICE Subchannels	
- ASC Settings	
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#5)
- CHOICE mode	TDD
<ul> <li>Available Channelisation codes indices</li> </ul>	Not Present (Default all)
<ul> <li>CHOICE subchannel size</li> </ul>	Size1
- Available Subchannels	null
- ASC Settings	(ASC#6)
- CHOICE mode	TDD
<ul> <li>Available Channelisation codes indices</li> </ul>	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- Persistence scaling factors	
- Access Service Class	
- Persistence scaling factor	0.9 (for ASC#2)
- Persistence scaling factor	0.9 (for ASC#3)
- Persistence scaling factor	0.9 (for ASC#4)
- Persistence scaling factor	0.9 (for ASC#5)
- Persistence scaling factor	0.9 (for ASC#6)
- AC-to-ASC manning	
- AC-to-ASC mapping	
- AC-to-ASC mapping table	$6(\Lambda C 0_{-} 0)$
AC to ASC mapping	5(AC10)
	4 (AC11)
- AC-to-ASC mapping	4 (ACTT) 2 (ACT2)
- AC-IO-ASC mapping	3 (AC12)
- AC-to-ASC mapping	2 (ACT3)
	1 (AU14)
- AC-to-ASC mapping	
- CHOICE mode	TDD (no data)
- Secondary CCPCH system information	
- Secondary CCPCH system information	
- Secondary CCPCH info	
- CHOICE mode	לטו
- Offset	0
- Common timeslot info	
- 2 <sup>m</sup> interleaving mode	Not Present (MD "Frame")
- IFCI coding	Reterence clause 6.10 Parameter Set
- Puncturing limit	Reference clause 6.10 Parameter Set
- Repetition period	Not Present (MD "1")
- Repetition length	Not present
<ul> <li>Individual timeslot info</li> </ul>	
- Timeslot number	1
- TFCI existence	Reference clause 6.10 Parameter Set
<ul> <li>Midamble Shift and burst type</li> </ul>	
- CHOICE Burst Type	Туре 1
- Midamble Allocation Mode	Default midamble

- Midamble configuration burst type 1 and 3 4 Not Present - Midamble Shift - Code List - Channelisation Code Reference clause 6.10 Parameter Set - TFCS (This IE is repeated for TFC number for PCH and FACH.) - Normal - TFCI Field 1 information - CHOICE TFCS representation Addition - TFCS addition information - CHOICE CTFC Size Number of bits used must be enough to cover all combinations of CTFC from clause 6.10. - CTFC information Reference clause 6.10 Parameter Set - Power offset information Not Present - FACH/PCH information (PCH) - TFS - CHOICE Transport channel type Common transport channels - Dynamic Transport format information - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD Reference clause 6.10 Parameter Set - Transmission Time Interval - CHOICE Logical Channel List ALL - Semi-static Transport Format information Reference clause 6.10 Parameter Set - Transmission time interval - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - CRC size - Transport Channel Identity 12 (for PCH) - CTCH indicator FALSE - TFS (FACH) - CHOICE Transport channel type Common transport channels - Dynamic Transport format information - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Reference clause 6.10 Parameter Set - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set - CRC size Reference clause 6.10 Parameter Set - Transport Channel Identity 13 (for FACH) (FACH) - TFS - CHOICE Transport channel type Common transport channels - Dynamic Transport format information - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set - CRC size Reference clause 6.10 Parameter Set - Transport Channel Identity 14 (for FACH) - CTCH indicator FALSE - CTCH indicator FALSE - PICH info - CHOICE mode TDD - Channelisation code 16/16 - Timeslot number 0 - CHOICE Burst Type Type 1

- Midamble Shift	0
<ul> <li>Repetition period/length</li> </ul>	64/2
- Offset	0
<ul> <li>Paging indicator length</li> </ul>	4
- N <sub>GAP</sub>	4
- N <sub>PCH</sub>	2
- CBS DRX Level 1 information	Not Present

#### Contents of System Information Block type 7 (FDD)

CHOICE Mode	FDD
- UL interference	-100dBm
- PRACHs listed in system information block	
type5	
- Dynamic persistence level	2
- PRACHs listed in system information block	
type6	
- Dynamic persistence level	2
- Expiration Time Factor	Not Present – use default value of 1

### Contents of System Information Block type 7 (TDD)

PRACHs listed in system information block type5     Dynamic persistence level     PRACHs listed in system information block type6	2
- Dynamic persistence level	2
-Expiration Time Factor	Not Present – use default value of 1

#### Contents of System Information Block type 8, 9 (only for FDD)

This information is used for static CPCH in the cell, so this is not present.

### Contents of System Information Block type 10 (only for FDD)

This information is used for DRAC, so this is not present.

Contents of System Information Block type 11 (FDD)

······································	•
- SIB12 indicator	TRUE
	INOL IN THE REPORT OF THE REPORT
- FACH measurement occasion info	Not Present
- Measurement control system information	
- Use of HCS	Not used
- Cell selection and reselection quality -	CPICH RSCP
- Oeli_Selection_and_reselection_quality	
measure	
Intra fraguancy massurament system	
- Intra-nequency measurement system	
information	
Intro fraguanay maggurament identity	1
- intra-frequency measurement identity	
<ul> <li>Intra-frequency cell info list</li> </ul>	
CHOICE intra fraguenay call removal	Pomovo no intro fraguenov collo
	Remove no intra-frequency cells
- New intra-frequency cells	
- Intra-frequency cell ld	
- Cell info	
- Cell Individual offset	UdB
<ul> <li>Reference time difference to cell</li> </ul>	Not Present
- Read SFN indicator	IRUE
- CHOICE mode	FDD
- Primary CPICH Into	
- Primary scrambling code	Refer to clause titled "Default settings for cell No 1 (FDD)"
r minary obrambing obab	
	in clause 6.1
- Primary CPICH TX nower	Not Present
<ul> <li>IX Diversity indicator</li> </ul>	FALSE
- Cell Selection and Re-selection info	Not Present
	0 <del>0 dB</del>
- Ooffeet2e n	Not Present
- Maximum allowed UL TX power	33 dBm
- HCS neighbouring cell information	Not Present
- CHOICE mode	FDD
	-115 dBm
- Cell for measurement	Not Present
- Intra-frequency cell ld	
Coll individual offect	
- Cell individual offset	0dB
- Cell individual offset     - Reference time difference to cell	0dB Not Present
- Cell individual offset     - Reference time difference to cell	0dB Not Present
- Cell individual offset     - Cell individual offset     - Reference time difference to cell     - Read SFN indicator	0dB Not Present TRUE
- Cell individual offset     - Reference time difference to cell     - Read SFN indicator     - CHOICE mode	0dB Not Present TRUE FDD
Cell individual offset     Cell individual	<u>OdB</u> <u>Not Present</u> <u>TRUE</u> <u>FDD</u>
Cell individual offset     Cell individual offset     Cell individual offset     Reference time difference to cell     CHOICE mode     CHOICE mode     Primary CPICH info	0dB Not Present TRUE FDD
- Cell Individual offset     - Cell individual offset     - Reference time difference to cell     - Read SFN indicator     - CHOICE mode     - Primary CPICH info     - Primary scrambling code	0dB Not Present TRUE FDD Refer to clause titled "Default settings for cell No.2 (FDD)"
Cell individual offset     Cell individual	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6 1
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1
- Cell individual offset     - Reference time difference to cell     - Read SFN indicator     - CHOICE mode     - Primary CPICH info     - Primary scrambling code     - Primary CPICH TX power	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present
- Cell individual offset     - Reference time difference to cell     - Read SFN indicator     - CHOICE mode     - Primary CPICH info     - Primary scrambling code      - Primary CPICH TX power     - TX Diversity indicator	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary CPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator     Coll Selection and Page selection info	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE
- Cell individual offset     - Reference time difference to cell     - Read SFN indicator     - CHOICE mode     - Primary CPICH info     - Primary scrambling code      - Primary CPICH TX power     - TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1s n	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary cPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Outfiget2s.n	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s,n     Qoffset2s,n     Maximum allowed UL TX power	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         OdB         Not Present         Reference to table 6.1.1         Not Present
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>S,n</sub> Qoffset2 <sub>S,n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>S,n</sub> Qoffset1 <sub>S,n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qogalmin	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary Scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Protect to table 6.1.1
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>S,n</sub> Qoffset2 <sub>S,n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary cPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrklevmin     Cell for measurement	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Not Present
<ul> <li>Cell individual offset</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1s,n</li> <li>Qoffset2s,n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> </ul>	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary cPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s,n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell info	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s,n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     Qualmin     Qualmin     Qualmin     Cell for measurement     Intra-frequency cell id     Cell info	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FD         Reference to table 6.1.1         Not Present         3
<ul> <li>Cell individual offset</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> </ul> Primary CPICH TX power <ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>S,n</sub></li> <li>Qoffset2<sub>S,n</sub></li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> </ul>	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         J         OdB
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary cPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>S,n</sub> Qoffset2 <sub>S,n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell info     Cell individual offset     Reference time difference to cell	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary cPICH TX power     Primary cPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell individual offset     Cell individual offset     Reference time difference to cell	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         OdB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3
<ul> <li>Cell individual offset</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> </ul> Primary CPICH TX power <ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1s.n</li> <li>Qoffset2s,n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> </ul>	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary cPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>S,n</sub> Qoffset2 <sub>S,n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell info     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Cell info     Cel	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3         OdB         Not Present         TRUE         FDD
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary cPICH TX power     Primary cPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Read SFN indicator     CHOICE mode     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     CHOICE mode     CHOICE mode     COLOLU infe	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         OdB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3         OdB         Not Present         TRUE         FDD
<ul> <li>Cell individual offset</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> </ul> Primary CPICH TX power <ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1s.n</li> <li>Qoffset2s.n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> </ul>	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>S.n</sub> Qoffset2 <sub>S.n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell info     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Cell in	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         J         OdB         Not Present         3         OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"
<ul> <li>Cell individual offset</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1s,n</li> <li>Qoffset2s,n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary CPICH info</li> <li>Primary CPICH info</li> <li>Primary cPICH info</li> </ul>	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3         OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1
<ul> <li>Cell individual offset</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> </ul> Primary CPICH TX power <ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1s,n</li> <li>Qoffset2s,n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary CPICH info</li> <li>Primary CPICH info</li> </ul>	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         J         OdB         Not Present         J         Reference to table 6.1.1         Not Present         J         OdB         Not Present         J         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>S.n</sub> Qoffset2 <sub>S.n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell info     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Cell info     Primary CPICH info     Primary CPICH info     Primary CPICH Info     Primary CPICH TX power	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3         OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary cPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s,n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH TX power     Cell info     Cell info     Cell info     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary CPICH info     Primary CPICH TX power     TX Diversity indicator	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in Clause 6.1         Not Present         FAUSE
<ul> <li>Cell individual offset</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> <li>Primary cPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1s.n</li> <li>Qoffset2s.n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qralevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH Info</li> <li>Primary CPICH Info</li> <li>Primary CPICH TX power</li> </ul>	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         J         OdB         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FALSE
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qualmin     Cell for measurement     Intra-frequency cell id     Cell individual offset     Reference time difference to cell     Read SFN indicator     Cell info     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH TX power     TX Diversity indicator     CHOICE mode     Primary CPICH info     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         J         OdB         Not Present         FDD         Reference to table 6.1.1         Not Present         J         OdB         Not Present         J         OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FALSE
<ul> <li>Cell individual offset</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>S,n</sub></li> <li>Qoffset2<sub>S,n</sub></li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary CPICH info</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> </ul>	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         GDB         Not Present         S         OdB         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FALSE         O dB
<ul> <li><u>Cell individual offset</u></li> <li><u>Reference time difference to cell</u></li> <li><u>Read SFN indicator</u></li> <li><u>CHOICE mode</u></li> <li><u>Primary CPICH info</u></li> <li><u>Primary CPICH TX power</u></li> <li><u>TX Diversity indicator</u></li> <li><u>Cell Selection and Re-selection info</u></li> <li><u>Qoffset1s,n</u></li> <li><u>Qoffset2s,n</u></li> <li><u>Maximum allowed UL TX power</u></li> <li><u>HCS neighbouring cell information</u></li> <li><u>CHOICE mode</u></li> <li><u>Qqualmin</u></li> <li><u>Qrxlevmin</u></li> <li><u>Cell for measurement</u></li> <li><u>Intra-frequency cell id</u></li> <li><u>Cell individual offset</u></li> <li><u>Reference time difference to cell</u></li> <li><u>Read SFN indicator</u></li> <li><u>CHOICE mode</u></li> <li><u>Primary CPICH TX power</u></li> <li><u>TX Diversity indicator</u></li> <li><u>CHOICE mode</u></li> <li><u>Primary CPICH TX power</u></li> <li><u>TX Diversity indicator</u></li> <li><u>CHOICE mode</u></li> <li><u>Primary CPICH TX power</u></li> <li><u>TX Diversity indicator</u></li> <li><u>Cell Selection and Re-selection info</u></li> <li><u>Qoffset1s,n</u></li> </ul>	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         J         OdB         Not Present         J         Reference to table 6.1.1         Not Present         J         OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FALSE         OdB         Not Present         FALSE         OdB
<ul> <li>Cell individual offset</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> </ul> Primary CPICH TX power <ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1s,n</li> <li>Qoffset2s,n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1s,n</li> <li>Qoffset1s,n</li> </ul>	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         J         OdB         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         FALSE         O dB         Not Present

- HCS neighbouring cell information	Not Present
- CHOICE Mode	
- Qqualmin	Reference to table 6.1.1
- Qrxlevmin	Reference to table 6.1.1
- Cell for measurement	Not Present
	4
- Intra-Irequency cell ld	
- Cell info	
<ul> <li>Cell individual offset</li> </ul>	0dB
- Reference time difference to cell	Not Present
Deed OFN indicator	
- Read SFN indicator	IRUE
- CHOICE mode	FDD
- Primary CPICH info	
Drimory corombling code	Defer to alouge titled "Default actings for call No. 4 (EDD)"
- Flinary scrambling code	Refer to clause tilled Default settings for cell No.4 (FDD)
	in clause 6.1
<ul> <li>Primary CPICH TX power</li> </ul>	Not Present
- TX Diversity indicator	FALSE
Call Selection and De colection info	
- Cell Selection and Re-selection into	
<u> </u>	<u>0 dB</u>
- Qoffset2s.n	Not Present
- Maximum allowed LIL TX nower	Reference to table 6.1.1
	Not Dresent
- nos neighbouring cell information	Not Plesent
- CHOICE mode	FUU
- Qgualmin	Reference to table 6.1.1
- Oryleymin	Reference to table 6.1.1
	Net Present
- Cell for measurement	NOT Present
<ul> <li>Intra-frequency cell id</li> </ul>	<u>5</u>
- Cell info	
Coll individual offact	
<ul> <li>Reference time difference to cell</li> </ul>	Not Present
<ul> <li>Read SFN indicator</li> </ul>	TRUE
- CHOICE mode	FDD
Drimony CDICH info	
<ul> <li>Primary scrambling code</li> </ul>	Refer to clause titled "Default settings for cell No.5 (FDD)"
	in clause 6.1
- Primary CPICH TX power	Not Present
TV Diversity indicator	
- Cell Selection and Re-selection info	
- Qoffset1 <sub>s.n</sub>	<u>0 dB</u>
- Ooffset2s n	Not Present
Maximum allowed LIL TX newer	Potoronco to table 6.1.1
<ul> <li>HCS neighbouring cell information</li> </ul>	Not Present
- CHOICE mode	FDD
- Qoualmin	Reference to table 6.1.1
Orvioumin	Petereneo to table 6.1.1
- Cell for measurement	NOT Present
<ul> <li>Intra-frequency cell id</li> </ul>	<u>6</u>
- Cell info	
- Cell individual offset	OdB
	Net Dresent
- Reference time difference to cell	NOTPRESENT
<ul> <li>Read SFN indicator</li> </ul>	TRUE
- CHOICE mode	FDD
- Primary CPICH info	
- Primary CPICH info	
<ul> <li>Primary CPICH info</li> <li>Primary scrambling code</li> </ul>	Refer to clause titled "Default settings for cell No.6 (FDD)"
<ul> <li>Primary CPICH info</li> <li>Primary scrambling code</li> </ul>	Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1
- Primary CPICH info     - Primary scrambling code     - Primary CPICH TX power	Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present
- Primary CPICH info     - Primary scrambling code     - Primary CPICH TX power     - TX Diversity indicator	Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FAL SE
- Primary CPICH info     - Primary scrambling code     - Primary CPICH TX power     - TX Diversity indicator     Coll Colorities and December in the state	Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE
Primary CPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info	Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE
Primary CPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>S,n</sub>	Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE 0 dB
Primary CPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n	Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE 0 dB Not Present
Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed LIL TX power	Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE 0 dB Not Present Reference to table 6.1.1
Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s,n     Qoffset2s,n     Maximum allowed UL TX power	Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1
<ul> <li>Primary CPICH info</li> <li>Primary scrambling code</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1s,n</li> <li>Qoffset2s,n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> </ul>	Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present
<ul> <li>Primary CPICH info</li> <li>Primary scrambling code</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>s,n</sub></li> <li>Qoffset2<sub>s,n</sub></li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> </ul>	Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD
Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>s.n</sub> Qoffset2 <sub>s.n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin	Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1
Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qualmin     Oryleymin	Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1
Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qrxlevmin     Call for measurement	Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1
<ul> <li>Primary CPICH info</li> <li>Primary scrambling code</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>S,n</sub></li> <li>Qoffset2<sub>S,n</sub></li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> </ul>	Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present
<ul> <li>Primary CPICH info</li> <li>Primary scrambling code</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>S,n</sub></li> <li>Qoffset2<sub>S,n</sub></li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> </ul>	Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1 Reference to table 6.1.1 Reference to table 6.1.1 Not Present Z
<ul> <li>Primary CPICH info</li> <li>Primary scrambling code</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>s,n</sub></li> <li>Qoffset2<sub>s,n</sub></li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> </ul>	Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         7
Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell individual offset	Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1 Reference to table 6.1.1 Reference to table 6.1.1 Not Present Z
Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell individual offset	Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1 Reference to table 6.1.1 Reference to table 6.1.1 Not Present Z OdB

- Read SEN indicator	TRUE
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	Refer to clause titled "Default settings for cell No.7 (FDD)"
	in clause 6.1
- Primary CPICH TX power	Not Present
<ul> <li>TX Diversity indicator</li> </ul>	FALSE
- Cell Selection and Re-selection info	
- Qoffset1 <sub>s.n</sub>	<u>0 dB</u>
- Qoffset2s,n	Not Present
- Maximum allowed LIL TX power	Reference to table 6.1.1
<ul> <li>HCS neighbouring cell information</li> </ul>	Not Present
- CHOICE mode	FDD
	Reference to table 6.1.1
- Qrxievmin	Reference to table 6.1.1
<ul> <li>Cell for measurement</li> </ul>	Not Present
- Intra-frequency cell id	8
- Cell Into	
<ul> <li>Cell individual offset</li> </ul>	0dB
- Reference time difference to cell	Not Present
Dood CENLindicator	
- Read SFIN Indicator	
- CHOICE mode	FDD
- Primary CPICH info	
Driment correntling code	Defer to alcuse titled "Defeult actions for call No. 0 (EDD)"
<ul> <li>Primary scrambling code</li> </ul>	Refer to clause titled "Default settings for cell No.8 (FDD)"
	in clause 6.1
- Primary CPICH TX power	Not Present
TX Diversity indicator	
- TX Diversity indicator	FALSE
<ul> <li>Cell Selection and Re-selection info</li> </ul>	
- Qoffset1s n	0 dB
- Ooffeet2e n	Not Present
- Maximum allowed UL TX power	Reference to table 6.1.1
<ul> <li>HCS neighbouring cell information</li> </ul>	Not Present
- CHOICE mode	FDD
	Deference to table 0.4.4
<u> </u>	Reference to table 6.1.1
- Qrxlevmin	Reference to table 6.1.1
- Cell for measurement	Not Present
Intro frequency measurement quantity	<u>Hot Frederik</u>
- Filter coefficient	0
<ul> <li>Filter coefficient</li> <li>Measurement quantity</li> </ul>	0 CPICH RSCP
Filter coefficient     Measurement quantity     Intra-frequency reporting quantity for RACH	0 CPICH RSCP Not Present
<ul> <li>Filter coefficient</li> <li>Measurement quantity</li> <li>Intra-frequency reporting quantity for RACH</li> </ul>	0 CPICH RSCP Not Present
<ul> <li>Filter coefficient</li> <li>Measurement quantity</li> <li>Intra-frequency reporting quantity for RACH Reporting</li> </ul>	0 CPICH RSCP Not Present
<ul> <li>Filter coefficient</li> <li>Measurement quantity</li> <li>Intra-frequency reporting quantity for RACH Reporting</li> <li>Maximum number of reported cells on RACH</li> </ul>	0 CPICH RSCP Not Present Not Present
<ul> <li>Filter coefficient</li> <li>Measurement quantity</li> <li>Intra-frequency reporting quantity for RACH Reporting</li> <li>Maximum number of reported cells on RACH</li> <li>Reporting information for state CELL_DCH</li> </ul>	0 CPICH RSCP Not Present Not Present
<ul> <li>Filter coefficient</li> <li>Measurement quantity</li> <li>Intra-frequency reporting quantity for RACH Reporting</li> <li>Maximum number of reported cells on RACH</li> <li>Reporting information for state CELL_DCH</li> </ul>	0 CPICH RSCP Not Present Not Present
<ul> <li>Filter coefficient</li> <li>Measurement quantity</li> <li>Intra-frequency reporting quantity for RACH Reporting</li> <li>Maximum number of reported cells on RACH</li> <li>Reporting information for state CELL_DCH</li> <li>Intra-frequency reporting quantity</li> </ul>	0 CPICH RSCP Not Present Not Present
<ul> <li>Filter coefficient</li> <li>Measurement quantity</li> <li>Intra-frequency reporting quantity for RACH Reporting</li> <li>Maximum number of reported cells on RACH</li> <li>Reporting information for state CELL_DCH</li> <li>Intra-frequency reporting quantity</li> <li>Reporting quantities for active set cells</li> </ul>	0 CPICH RSCP Not Present Not Present
<ul> <li>Filter coefficient</li> <li>Measurement quantity</li> <li>Intra-frequency reporting quantity for RACH Reporting</li> <li>Maximum number of reported cells on RACH</li> <li>Reporting information for state CELL_DCH</li> <li>Intra-frequency reporting quantity</li> <li>Reporting quantities for active set cells</li> <li>SEN-SEN observed time difference type</li> </ul>	0 CPICH RSCP Not Present Not Present
<ul> <li>Filter coefficient</li> <li>Measurement quantity</li> <li>Intra-frequency reporting quantity for RACH Reporting</li> <li>Maximum number of reported cells on RACH</li> <li>Reporting information for state CELL_DCH</li> <li>Intra-frequency reporting quantity</li> <li>Reporting quantities for active set cells</li> <li>SFN-SFN observed time difference type Coll identity reporting indicator</li> </ul>	0 CPICH RSCP Not Present Not Present
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<ul> <li>Filter coefficient</li> <li>Measurement quantity</li> <li>Intra-frequency reporting quantity for RACH Reporting</li> <li>Maximum number of reported cells on RACH</li> <li>Reporting information for state CELL_DCH</li> <li>Intra-frequency reporting quantity</li> <li>Reporting quantities for active set cells</li> <li>SFN-SFN observed time difference type</li> <li>Cell identity reporting indicator</li> <li>CHOICE mode</li> <li>CPICH Ec/N0 reporting indicator</li> <li>CPICH RSCP reporting indicator</li> <li>Reporting quantities for monitored set cells</li> <li>SFN-SFN observed time difference type</li> <li>Cell identity reporting indicator</li> <li>CPICH RSCP reporting indicator</li> <li>CPICH RSCP reporting indicator</li> <li>Cell identity reporting indicator</li> <li>CPICH RSCP reporting indicator</li> <li>CPICH RSCP reporting indicator</li> <li>Cell identity reporting indicator</li> <li>CPICH RSCP reporting indicator</li> <li>CPICH Ec/N0 reporting indicator</li> <li>CPICH RSCP reporting indicator</li> <li>CPICH RSCP reporting indicator</li> <li>CPICH RSCP reporting indicator</li> <li>CPICH RSCP reporting indicator</li> <li>Pathloss reporting indicator</li> <li>Reporting quantities for detected set cells</li> <li>Measurement reporting mode</li> <li>Measurement Report Transfer Mode</li> <li>Periodic Reporting/Event Trigger Reporting Mode</li> </ul>	0 CPICH RSCP Not Present Not Present Not Present TRUE TRUEFALSE FDD FALSE TRUE FALSE Not report TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE

1

<ul> <li>Intra-frequency measurement reporting</li> </ul>	
criteria	
- Parameters required for each event	23 kinds
- Intra-frequency event identity	
- Iriggering condition 1	Not Present
- Triggering condition 2	Active set cells and monitored set cells
- Reporting Range	5dB
<ul> <li>Cells forbidden to affect Reporting range</li> </ul>	Not Present
- W	1.0
- Hysteresis	0.0
<ul> <li>Threshold Used Frequency</li> </ul>	Not Present
<ul> <li>Reporting deactivation threshold</li> </ul>	<u> <del>3</del>2</u>
<ul> <li>Replacement activation threshold</li> </ul>	Not Present
- Time to trigger	640
<ul> <li>Amount of reporting</li> </ul>	4
- Reporting interval	4000
<ul> <li>Reporting cell status</li> </ul>	
<ul> <li>CHOICE reported cell</li> </ul>	Report cell within active set and/or monitored set cells on
	used frequency
<ul> <li>Maximum number of reported cells</li> </ul>	3
<ul> <li>Intra-frequency event identity</li> </ul>	1b
- Triggering condition 1	Active set cells and monitored set cells
- Triggering condition 2	Not Present
- Reporting Range	5dB
<ul> <li>Cells forbidden to affect Reporting range</li> </ul>	Not Present
- W	1.0
- Hysteresis	0.0
<ul> <li>Threshold Used Frequency</li> </ul>	Not Present
<ul> <li>Reporting deactivation threshold</li> </ul>	<mark>3Not Present</mark>
<ul> <li>Replacement activation threshold</li> </ul>	Not Present
- Time to trigger	640
<ul> <li>Amount of reporting</li> </ul>	4 <u>Not Present</u>
- Reporting interval	4000 <u>Not Present</u>
<ul> <li>Reporting cell status</li> </ul>	
<ul> <li>CHOICE reported cell</li> </ul>	Report cell within active set and/or monitored set cells on
	used frequency
<ul> <li>Maximum number of reported cells</li> </ul>	3
- Intra-frequency event identity	<u>1c</u>
- Triggering condition 1	Not Present
- Triggering condition 2	Not Present
- Reporting Range	Not Present
- Cells forbidden to affect Reporting range	Not Present
<u> VV</u>	Not Present
- Hysteresis	
- Inreshold Used Frequency	Not Present
- Reporting deactivation threshold	Not Present
- Replacement activation threshold	
- Time to trigger	
- Amount of reporting	4
- Reporting interval	4000
	Poport call within active set and/or monitored set calls on
	used frequency
- Maximum number of reported cells	
- Inter-frequency measurement system	Not Present
information	
- Inter-RAT measurement system information	Not Present
- Traffic volume measurement system	Not Present
information	
- UE internal measurement system information	Not Present

## Contents of System Information Block type 11 (TDD)

CID 40 Indicator	TDUE
- SIB 12 Indicator	IRUE
- FACH measurement occasion info	Not Present
- Measurement control system information	
- Use of HCS	Not used

- Cell selection and reselection quality -	CPICH-RSCP
measure	
<ul> <li>Intra-frequency measurement system</li> </ul>	
information	
- Intra-frequency measurement identity	1
- Intra-frequency cell info list	Demonstration for more alle
- CHOICE intra-frequency cell removal	Remove no intra-frequency cells
- New Intra-frequency cells	1
- Inita-frequency cell lu	
- Cell individual offset	0dB
- Reference time difference to cell	Not Present
- Read SFN Indicator	TRUE
- CHOICE mode	TDD
- Primary CCPCH info	
- Cell parameters ID	Reference clause 6.1 Default settings for cell
- Primary CCPCH TX power	Not Present
- Timeslot list	Not Present
- Burst type	Not Present
- Cell Selection and Re-selection info	Not Present
- Cell for measurement	Not Present
- Intra-frequency measurement quantity	
- CHOICE mode	לעד
- Measurement quantity list	
- Intra-frequency reporting quantity for RACH	Not Present
Reporting	
- Maximum number of reported cells on RACH	Not Present
- Reporting information for state CELL DCH	
- Intra-frequency reporting quantity	
- Reporting quantities for active set cells	
<ul> <li>SFN-SFN observed time difference</li> </ul>	No report
reporting indicator	
- Cell synchronisation information reporting	TRUE
Indicator	TRUE
- Cell Identity reporting indicator	
- UNUCE Mode	
- Proposal TSGN reporting required	FALSE
- P-CCPCH RSCP reporting indicator	TRUE
- Pathloss reporting indicator	FALSE
- Reporting quantities for monitored set cells	
- SFN-SFN observed time difference	No report
reporting indicator	
<ul> <li>Cell synchronisation information reporting</li> </ul>	FALSE
indicator	
- Cell identity reporting indicator	IRUE
- CHOICE mode	
- Timeslot ISCP reporting indicator	FALSE
- Proposal ISGN reporting required	TALSE
- Pathloss reporting indicator	
- Reporting quantities for detected set cells	Not Present
- Measurement reporting mode	
- Measurement Report Transfer Mode	Acknowledged mode RLC
- Periodical Reporting / Event Trigger	Event trigger
Reporting Mode	
- Intra-frequency measurement reporting	
criteria	
- Parameters required for each event	
- Intra-frequency event identity	1g
- Iriggering condition1	Not Present
- Iriggering condition2	Not Present
- Reputing Range	Not Present
- W(ontional in case of 1a 1b)	Not Present
- Hysteresis	0.0
	Not Procent

- Reporting deactivation threshold	Not Present
<ul> <li>Replacement activation threshold</li> </ul>	Not Present
- Time to trigger	640
- Amount of reporting	4
- Reporting interval	4000
- Reporting cell status	
- CHOICE reported cells	Report cell within active set and/or monitored cells on
	used frequency
<ul> <li>Maximum number of reported cells</li> </ul>	2
<ul> <li>Inter-frequency measurement system</li> </ul>	Not Present
information	
<ul> <li>Inter-RAT measurement system information</li> </ul>	Not Present
- Traffic volume measurement system	Not Present
information	
- UE internal measurement system information	Not Present

## Contents of System Information Block type 12 in connected mode (FDD)

<ul> <li>FACH measurement occasion info</li> </ul>	Not Present
<ul> <li>Measurement control system information</li> </ul>	
- Use of HCS	Not used
<ul> <li>Cell_selection_and_reselection_quality</li> </ul>	CPICH RSCP
measure	
<ul> <li>Intra-frequency measurement system</li> </ul>	
information	
<ul> <li>Intra-frequency measurement identity</li> </ul>	1

- Intra-frequency cell info list	
- CHOICE intra-frequency cell removal	Remove no intra-frequency cells
- Intra-frequency cell id	2
- Cell info	
- Cell individual offset	0dB
<ul> <li>Reference time difference to cell</li> </ul>	Not Present
- Read SFN indicator	TRUE
- CHOICE mode	FDD
- Primary Scrambling code	Refer to clause titled "Default settings for cell No 2 (EDD)"
	in clause 6.1
- Primary CPICH TX power	Not Present
- TX Diversity indicator	FALSE
- Cell Selection and Re-selection info	
- Qoliseits,n	<u>V db</u> Not Present
- Maximum allowed UL TX power	Reference to table 6.1.1
- HCS neighbouring cell information	Not Present
- CHOICE mode	FDD
- Qqualmin	Reference to table 6.1.1
- Qrxievmin	Not Present
- Intra-frequency cell id	3
- Cell info	
- Cell individual offset	0dB
Reference time difference to cell	Not Present
- Read SFN indicator	
- Primary CPICH info	
- Primary scrambling code	Refer to clause titled "Default settings for cell No.3 (FDD)"
	in clause 6.1
- Primary CPICH TX power	Not Present
- TX Diversity indicator	FALSE
- Cell Selection and Re-selection into	
- Qoffset2s,n	Not Present
- Maximum allowed UL TX power	Reference to table 6.1.1
- HCS neighbouring cell information	Not Present
- CHOICE mode	FDD Deference to table 0.4.4
- Quaimin - Orxleymin	Reference to table 6.1.1
- Cell for measurement	Not Present
- Intra-frequency cell id	4
- Cell info	
- Cell individual offset	0dB
- Reference time difference to cell	TRUE
- CHOICE mode	FDD
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	Refer to clause titled "Default settings for cell No.4 (FDD)"
	In clause 6.1
- TX Diversity indicator	FALSE
- Cell Selection and Re-selection info	
- Qoffset1 <sub>s,n</sub>	<u>0 dB</u>
- Qoffset2s,n	Not Present
- Maximum allowed UL TX power	Reference to table 6.1.1
- CHOICE mode	FDD
- Qgualmin	Reference to table 6.1.1
- Qrxlevmin	Reference to table 6.1.1
- Cell for measurement	Not Present
- Intra-frequency cell id	<u>5</u>
- Cell individual offset	0dB
- Reference time difference to cell	Not Present
- Read SFN indicator	TRUE
- CHOICE mode	FDD

- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	Refer to clause titled "Default settings for cell No.5 (FDD)"
- Primary CPICH TX power	In clause 6.1 Not Present
- TX Diversity indicator	FALSE
- Cell Selection and Re-selection info	
<u>    Qoffset1<sub>s.n</sub> </u>	0 dB
- <u>Qonsetzs,n</u> - Maximum allowed UL TX power	Reference to table 6.1.1
- HCS neighbouring cell information	Not Present
- CHOICE mode	FDD
- Qqualmin	Reference to table 6.1.1
- <u>Qrxievmin</u> - Cell for measurement	Not Present
- Intra-frequency cell id	<u>6</u>
- Cell info	
- Cell individual offset	0dB
- Read SEN indicator	TRUE
- CHOICE mode	FDD
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	Refer to clause titled "Default settings for cell No.6 (FDD)"
- Primary CPICH TX power	Not Present
- TX Diversity indicator	FALSE
- Cell Selection and Re-selection info	
<u>    Qoffset1<sub>s.n</sub> </u>	0 dB
- <u>Quisetzs,n</u> - Maximum allowed LIL TX power	Reference to table 6.1.1
- HCS neighbouring cell information	Not Present
- CHOICE mode	FDD
- Qqualmin	Reference to table 6.1.1
- Cell for measurement	Not Present
- Intra-frequency cell id	<u>7</u>
- Cell info	
- Cell individual offset	0dB
- Read SEN indicator	TRUE
- CHOICE mode	FDD
- Primary CPICH info	
- Primary scrambling code	Refer to clause fitled "Default settings for cell No.7 (FDD)"
- Primary CPICH TX power	Not Present
- TX Diversity indicator	FALSE
- Cell Selection and Re-selection info	
- QOIISetT <sub>S.n</sub>	U 0B Not Present
- Maximum allowed UL TX power	Reference to table 6.1.1
- HCS neighbouring cell information	Not Present
- CHOICE mode	FDD Reference to table 6.1.1
- Qrxlevmin	Reference to table 6.1.1
- Cell for measurement	Not Present
- Intra-frequency cell id	8
- Cell into	OdB
- Reference time difference to cell	Not Present
- Read SFN indicator	TRUE
- CHOICE mode	FDD
- Primary CPICH Info	Refer to clause titled "Default settings for cell No.8. (EDD)"
	in clause 6.1
- Primary CPICH TX power	Not Present
- TX Diversity indicator	FALSE
- Ooffset1 on	0 dB
- Qoffset2s,n	Not Present
- Maximum allowed UL TX power	Reference to table 6.1.1

I

- HCS neighbouring cell information	Not Present
	FUU Deference to table C.4.4
<u> </u>	Reference to table 6.1.1
- Cell for measurement	Not Present
- Intra-frequency cell info list	
- CHOICE intra-frequency cell removal	Remove no intra-frequency cells
- New intra-frequency cells	
- Intra-frequency cell id	4
	0dB
<ul> <li>Reference time difference to cell</li> </ul>	Not Present
————————————————————————————————————	TRUE
	<mark>FDD</mark>
Primary scrambling code	Refer to clause "Default settings for cell No.1 (FDD)" in
	<del>clause 6.1</del>
Primary CPICH TX power	Not Present
- TX Diversity indicator	F <mark>ALSE</mark>
- Cell Selection and Re-selection into	
- Wollseis,n Ooffeet2	U dB
- Wavinum allowed LIL TX newer	23dRm
- HCS peighbouring cell information	Not Present
- CHOICE mode	
	-20 dB
- Orxleymin	-115 dBm
- Cell for measurement	Not Present
- Intra-frequency measurement quantity	
- Filter coefficient	0
- Measurement quantity	CPICH RSCP
- Intra-frequency reporting quantity for RACH	Not Present
Reporting	
- Maximum number of reported cells on RACH	Not Present
<ul> <li>Reporting information for state CELL_DCH</li> </ul>	
- Intra-frequency reporting quantity	
- Reporting quantities for active set cells	No. non-ant
- SFIN-SFIN observed time difference type	
- Cell synchronisation mormation reporting	+RUE <u>FALSE</u>
- Cell identity reporting indicator	TRUE
- CHOICE mode	FDD
- CPICH Ec/N0 reporting indicator	FALSE
- CPICH RSCP reporting indicator	TRUE
- Pathloss reporting indicator	FALSE
- Reporting quantities for monitored set cells	
- SFN-SFN observed time difference type	No report
<ul> <li>Cell synchronisation information reporting</li> </ul>	FALSE <u>TRUE</u>
indicator	
- Cell identity reporting indicator	TRUE
- CHOICE mode	FDD
- CPICH EC/NU reporting indicator	TRUE
- UPICH KSUP reporting indicator	
- Pathioss reporting indicator	Not Present
- Reporting quantities for detected set cells	
- Measurement Report Transfer Mode	Acknowledged mode RLC
- Periodic Reporting/Event Trigger Reporting	Event triager
Mode	
- CHOICE report criteria	Intra-frequency measurement reporting criteria
- Intra-frequency measurement reporting	
criteria	
- Parameters required for each event	3 kinds
- Intra-frequency event identity	1a
- Triggering condition 1	Not Present
- Triggering condition 2	Active set cells and monitored set cells
- Reporting Range	5dB
- Cells forbidden to affect reporting range	Not Present
- W	1.0

- Hysteresis	0.0
- Threshold Used Frequency	Not Present
<ul> <li>Reporting deactivation threshold</li> </ul>	3 <u>2</u>
- Replacement activation threshold	Not Present
- Time to trigger	640
- Amount of reporting	4
- Reporting interval	0
- Reporting cell status	
- CHOICE reported cell	Report cell Within active set and/or monitored set cells on
	used frequency
- Maximum number of reported cells	3
- Intra-frequency event identity	
- Triggering condition 1	Active set cells and monitored set cells
- Inggening condition 2	Not Present
- Reporting Range	DOB Not Present
- Threshold Used Frequency	0.0 Not Present
- Reporting deactivation threshold	Not Present
- Reporting deactivation threshold	And Present
- Time to trigger	640
- Amount of reporting	4Not Present
- Reporting interval	4000Not Present
- Reporting cell status	
- CHOICE reported cell	Report cell within active set and/or monitored set cells on
	used frequency
- Maximum number of reported cells	3
- Intra-frequency event identity	1c
- Triggering condition 1	Not Present
- Triggering condition 2	Not Present
- Reporting Range	Not Present
- Cells forbidden to affect Reporting range	Not Present
<u>- W</u>	Not Present
- Hysteresis	<u>0.0</u>
<ul> <li>Threshold Used Frequency</li> </ul>	Not Present
<ul> <li>Reporting deactivation threshold</li> </ul>	Not Present
<u>- Replacement activation threshold</u>	3
<u>- Time to trigger</u>	6 <u>40</u>
<u>- Amount of reporting</u>	4
- Reporting Interval	4 <u>000</u>
- Reporting cell status	Demonstra ell'actività e attica e a travellar accorditare el catore lla ca
- CHOICE reported cell	Report cell within active set and/or monitored set cells on
Movimum number of reported calls	a a sea frequency
- Inter-frequency measurement system	Not Present
information	
- Inter-RAT measurement system information	Not Present
- Traffic volume measurement system	Not Present
information	
- UF internal measurement system information	Not Present
	Nothiosont

## Contents of System Information Block type 12 in connected mode (similar to SIB type11) (TDD)

- FACH measurement occasion info	Not Present
<ul> <li>Measurement control system information</li> </ul>	
- Use of HCS	Not used
<ul> <li>Cell_selection_and_reselection_quality</li> </ul>	CPICH-RSCP
measure	
<ul> <li>Intra-frequency measurement system</li> </ul>	
information	
<ul> <li>Intra-frequency measurement identity</li> </ul>	1
<ul> <li>Intra-frequency cell info list</li> </ul>	
<ul> <li>CHOICE intra-frequency cell removal</li> </ul>	Remove no intra-frequency cells
<ul> <li>New intra-frequency cells</li> </ul>	
<ul> <li>Intra-frequency cell id</li> </ul>	1
- Cell info	

<ul> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN Indicator</li> <li>CHOICE mode</li> </ul>	0dB Not Present TRUE TDD
- Primary CCPCH info	
- Cell parameters ID	Reference clause 6.1 Default settings for cell
- Primary CCPCH TX power	Not Present
- Timeslot list	Not Present
- Burst type	
- Cell Selection and Re-selection info	Not Present
- Cell for measurement	Not present
<ul> <li>Intra-frequency measurement quantity</li> </ul>	
- Filter coefficient	0
- CHOICE mode	TDD
- Measurement list	
- Measurement quantity	P-CCPCH RSCP
- Intra-frequency reporting quantity for RACH	Not Present
Reporting	
- Maximum number of reported cells on RACH	No report
- Reporting information for state CELL_DCH	
- Intra-frequency reporting quantity	
- Reporting quantities for active set cells	
- SFN-SFN observed time difference	No report
reporting indicator	
- Cell synchronisation information reporting	TRUE
indicator	
<ul> <li>Cell identity reporting indicator</li> </ul>	TRUE
- CHOICE mode	TDD
<ul> <li>Timeslot ISCP reporting indicator</li> </ul>	FALSE
- Proposal TSGN reporting required	FALSE
- P-CCPCH RSCP reporting indicator	TRUE
- Pathloss reporting indicator	FALSE
- Reporting quantities for monitored set cells	
<ul> <li>SFN-SFN observed time difference</li> </ul>	No report
reporting indicator	
<ul> <li>Cell synchronisation information reporting</li> </ul>	FALSE
indicator	
<ul> <li>Cell identity reporting indicator</li> </ul>	TRUE
- CHOICE mode	TDD
<ul> <li>Timeslot ISCP reporting indicator</li> </ul>	FALSE
<ul> <li>Proposal TSGN reporting required</li> </ul>	FALSE
<ul> <li>P-CCPCH RSCP reporting indicator</li> </ul>	TRUE
<ul> <li>Pathloss reporting indicator</li> </ul>	FALSE
- Reporting quantities for detected set cells	Not Present
- Measurement reporting mode	
- Measurement Report Transfer Mode	Acknowledged mode RLC
- Periodical Reporting / Event Trigger	Event trigger
Reporting Mode	
- Intra-frequency measurement reporting	
Decomptore required for each event	
- Parameters required for each event	10
Triggoring condition1	Not Present
- Triggering condition?	Not Present
- Reporting Range	Not Present
- cells forbidden to affect reporting range	Not Present
- W(ontional in case of 1a 1b)	Not Present
- Hysteresis	0.0
- Threshold used frequency	Not Present
- Reporting deactivation threshold	Not Present
- Replacement activation threshold	Not Present
- Time to trigger	640
- Amount of reporting	4
- Reporting interval	4000
- Reporting cell status	
- CHOICE reported cells	Report cell within active set and/or monitored cells on
	used frequency
<ul> <li>Maximum number of reported cells</li> </ul>	2

- Inter-frequency measurement system	Not Present
Inter-PAT measurement system information	Not Present
- Traffic volume measurement system	Not Present
information	Not resent
- UE internal measurement system information	Not Present
,	

### Contents of System Information Block type 13 (used when supported PLMN type is ANSI-41)

- CN Domain system information list	
- CN Domain system information	For Packet-Switched domain
- CN domain identity	PS
- CHOICE CN Type	ANSI-41
- CN domain specific NAS system information	
- NAS (ANSI-41) system information	T.B.D
- CN domain specific DRX cycle length	7
coefficient	
- CN Domain system information	For Circuit-Switched domain
- CN domain identity	CS
- CHOICE CN Type	ANSI-41
- CN domain specific NAS system information	
- NAS (ANSI-41) system information	T.B.D
- CN domain specific DRX cycle length	7
coefficient	
- UE timers and constants in idle mode	
- T300	400 milliseconds
- N300	7
- T312	10 seconds
- N312	200
- Capability update requirement	
- UE radio access FDD capability update	TRUE
requirement	
- UE radio access TDD capability update	FALSE
requirement	
- System specific capability update requirement	Not Present
list	

## Contents of System Information Block type 14 (TDD)

<ul> <li>Individual Timeslot interference list</li> </ul>	
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	2
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	3
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	4
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	5
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	6
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	7
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	9
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	10
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	11

- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	12
<ul> <li>UL Timeslot Interference</li> </ul>	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	13
<ul> <li>UL Timeslot Interference</li> </ul>	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	14
- UL Timeslot Interference	-90 dbm
- Expiration Time Factor	Not Present (MD "1")

#### Contents of System Information Block type 16

- Predefined RB configuration	[FFS]
- Predefined Phy configuration	[FFS]

#### Contents of System Information Block type17 (TDD)

This system information block contains fast changing parameters for the configuration of the shared physical channels to be used in connected mode, so this is not present.

#### Contents of System Information Block type 18

- Idle mode PLMN identities - PLMNs of intra-frequency cells list	
- PLMN identity	Set to the same value as indicated in MIB
- PLMNs of inter-frequency cells list	Not present
- PLMNs of inter-RAT cells list	Not present
- Connected mode PLMN identities	Not present

#### Default settings for cell No.1 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
Primary scrambling code	<mark>100</mark>

#### Default settings for cell No.1 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
Primary CCPCH info	
- Cell parameters ID	<mark>0</mark>

#### Cell No.2

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.2 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0010B
URA identity	0000 0000 0000 0001B

#### Default settings for cell No.2 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
- Primary scrambling code	<mark>150</mark>

#### Default settings for cell No.2 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	4

#### Cell No.3

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.3 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0011B
URA identity	0000 0000 0000 0010B

#### Default settings for cell No.3 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
Primary scrambling code	<mark>200</mark>

#### Default settings for cell No.3 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<mark>8</mark>

#### Cell No.4

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.4 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0100B
URA identity	0000 0000 0000 0010B

#### Default settings for cell No.4 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary scrambling code	<mark>250</mark>

#### Default settings for cell No.4 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<mark>12</mark>

#### Cell No.5

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.5 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0101B
URA identity	0000 0000 0000 0011B

#### Default settings for cell No.5 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
Primary scrambling code	<mark>300</mark>

#### Default settings for cell No.5 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<mark>414</mark>

#### Cell No.6

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.6 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0110B
URA identity	0000 0000 0000 0011B

#### Default settings for cell No.6 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
- Primary scrambling code	<mark>350</mark>

#### Default settings for cell No.6 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
Primary CCPCH info	
- Cell parameters ID	<mark>119</mark>

#### Cell No.7

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.7 are identical to those of cell No.1 with the following exceptions:

Cell identity	<del>0000 0000 0000 0000 0000 0000 0111B</del>
URA identity	0000 0000 0000 0100B

#### Default settings for cell No.7 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
- Primary scrambling code	400

#### Default settings for cell No.7 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<mark>123</mark>

#### Cell No.8

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.8 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 1000B
URA identity	0000 0000 0000 0100B

#### Default settings for cell No.8 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
Primary scrambling code	<mark>450</mark>

#### Default settings for cell No.8 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Cell parameters ID	<mark>127</mark>

## Reference Radio Conditions for signalling test cases only (FDD)

The following transmission parameters shall be used for signalling test cases only unless otherwise stated in the description of the individual test case.

Table 6.1.3 are the default settings for a non suitable cell which is configured and always present whereas Table 6.1.4 is for a cell that is switched off. Cells configured according to Table 6.1.3 are for test cases in which it is necessary to make a cell unsuitable, and then subsequently make it suitable. This could be achieved by switching the cell off and then reconfiguration as in Table 6.1.4, but this takes a lot of time to do.

#### Table 6.1.1: Default settings for a serving cell in a single cell environment

Parameter	<mark>Unit</mark>	Cell 1
Cell type		Serving cell
UTRA RF Channel Number		Channel 1
<b>Qqualmin</b>	<mark>dB</mark>	<mark>-24</mark>
<b>Qrxlevmin</b>	<mark>dBm</mark>	<mark>-80</mark>
UE_TXPWR_MAX_RACH	<mark>dBm</mark>	<mark>21</mark>
CPICH Ec (see notes 1 and 2)	<mark>dBm/3.84</mark>	<mark>-60</mark>
	MHz	
NOTE 1: The power level is specified in terms of CPICH_Ec instead of CPICH_RSCP as RSCP		
NOTE 2: The cell fulfils TS 25.	304, <u>5.2.3.1.</u> 2	and TS 25.133, 8.1.2.2.1.

#### Table 6.1.2: Default settings for a serving cell and a suitable neighbour cell in a multi-cell enviromemt Cell 1 Cell 2 Parameter Unit Cell type Serving cell Suitable neighbour cell Channel 1 UTRA RF Channel Number Channel 1 -24 **Qqualmin** dB <del>-2</del>4 Qrxlevmin dBm -80 -80 TXPWR MAX RACH UE dBm 21 21 CPICH Ec (see notes 1 and 2) dBm/3.84 <del>-60</del> -70 MHz NOTE 1: The power level is specified in terms of CPICH\_Ec instead of CPICH\_RSCP as RSCP is a receiver measurement and only CPICH. Ec can be directly controlled by the SS. NOTE 2: Both cells fulfil TS 25.304, 5.2.3.1.2 and TS 25.133, 8.1.2.2.1. Table 6.1.3: Default settings for a non-suitable cell

Parameter	Unit	Level	
<mark>Qqualmin</mark>	<mark>dB</mark>	<mark>-24</mark>	
<b>Qrxlevmin</b>	dBm	<mark>-80</mark>	
UE_TXPWR_MAX_RACH	<mark>dBm</mark>	<mark>21</mark>	
CPICH_Ec	<mark>dBm/3.84</mark>	<mark>-90</mark>	
	MHz		
NOTE 1: The power level is specified in terms of CPICH_Ec instead of CPICH_RSCP as			
RSCP is a receiver m	neasurement a	nd only CPICH_Ec can be directly controlled by	
the SS			
NOTE 2: The cell is not suitabl	e according to	TS 25.304. 5.2.3.1.2	

#### Table 6.1.4: Default settings for a non-suitable "Off" cell

Parameter	Parameter Unit Level				
<mark>Qqualmin</mark>	dB-	<mark>-24</mark>			
<b>Qrxlevmin</b>	dBm	<mark>-80</mark>			
UE_TXPWR_MAX_RACH	dBm	<mark>24</mark>			
CPICH_Ec	dBm/3.84	<mark>≤ -122</mark>			
	<mark>MHz</mark>				
NOTE 1: The power level is specified in terms of CPICH_Ec instead of CPICH_RSCP as					
RSCP is a receiver measurement and only CPICH_Ec can be directly controlled by					
the SS.					
NOTE 2: The cell is not suitable according to TS 25.304, 5.2.3.1.2.					

#### Table 6.1.5: Default power levels of physical channels relative to CPICH\_Ec

Parameter	Unit	Level	Level
		<mark>ldle mode</mark>	Connected mode
DPCH_Ec	dB	(NOTE)	<mark>-5</mark>
PCCPCH_Ec	<mark>dB</mark>		<del>-2</del>
SCCPCH_Ec	<mark>dB</mark>		<del>-2</del>
AICH_Ec	dB		<mark>-5</mark>
SCH_Ec	dB		<mark>-2</mark>
PICH_Ec	dB		<mark>-5</mark>
NOTE: This shall be less that	n <u>–122 d</u>	Bm to ensure the cha	nnel is considered as
<mark>"off".</mark>			

# Reference Radio Conditions for signalling test cases only (TDD)

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## 6.1.1 SCCPCH configuration with Stand-alone SRB for PCCH in the first SCCPCH and Interactive/Background 32 kbps PS RAB + SRBs for CCCH/DCCH/BCCH in the second SCCPCH

Two SCCPCHs are used in this SYSTEM INFORMATION configuration. The first SCCPCH carries the PCH and the second SCCPCH carries the FACH for Interactive/Background 32 kbps PS RAB and the FACH for SRBs on CCCH/ DCCH/ BCCH.

This Reference System Configuration is the same as defined in chapter 6.1, except for the following SIBs.

Contents of System Information Block type 5 (FDD)

SIR6 indicator	TDUE
	IRUE
- PICH Power offset	-5 dB
- CHOICE Mode	FDD
- AICH Power offset	5 dB
- Primary CCPCH info	Not present
TX Diversity indicator	
	FALOE
- PRACH system information list	
- PRACH system information	
- PRACH info	
- CHOICE mode	EDD
Available Signature	
- Available Signature	
- Available SF	64
<ul> <li>Preamble scrambling code number</li> </ul>	0
- Puncturing Limit	1.0
- Available Sub Channel number	(1111 1111 1111'B
	15
- RACH IFS	
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
- Dynamic Transport format information	
- RI C size	168
Number of TR and TTL List	
- Number of Transport blocks	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- RLC size	360
Number of TD and TTL List	500
- Number of Transport blocks	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	20 ms
	Convolutional
- Type of channel couling	Convolutional
- Coding Rate	/2
<ul> <li>Rate matching attribute</li> </ul>	150
- CRC size	16
- RACH TECS	
- Normal	
TECL Field 1 information	
- CHOICE TFCS representation	Complete
<ul> <li>TFCS addition information</li> </ul>	
- CHOICE CTFC Size	2 bit
- CTEC information	0
- Power offset information	
	Computed Gain Easter, reference TEC id - 0
- Power onset Pp-m	-D OB
- CTFC information	1
- Power offset information	
- CHOICE Gain Factors	Signalled Gain Factor
- Gain factor Rc	10
Coin factor 0d	16
- Reference TFC ID	0
- Power offset Pp-m	-5dB
- PRACH partitioning	
- Access Service Class	
- ASC Setting	Not Present
Available airrature Otart I	
- Available signature Start Index	<del>и (Азсяи)</del>
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#0)
Assigned Sub-channel Number	<mark>'1111'B</mark>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#1)
Available signature Start Hutex	
- Available signature End Index	
- Assigned Sub-channel Number	"1111'B
- ASC Setting	Not Present

- Available signature End Index	<del>0 (//SC#2)</del> 7 (ASC#2)
- Assigned Sub-channel Number	<u>1 (100/2)</u> 11111B
- ASC Setting	
- CHOICE mode	EDD
- Available signature Start Index	0 (ASC#3)
- Available signature End Index	7 (ASC#3)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	Not Present
	EDD
- Available signature Start Index	$\frac{1}{1}$
- Available signature End Index	7 (ASC#4)
- Assigned Sub-channel Number	<u>'1111'B</u>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#5)
- Available signature End Index	7 (ASC#5)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	Not Present
	FDD
- Available signature Start Index	0 (ASC#6)
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#6)
	<mark>'1111'B</mark>
- ASC Setting	
- CHOICE mode	FDD
<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#7)
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#7)
<ul> <li>Assigned Sub-channel Number</li> </ul>	'1111'B
<ul> <li>Persistence scaling factor</li> </ul>	
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#2)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#3)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#4)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#5)
- Persistence scaling factor	0.9 (for ASC#6)
- Persistence scaling factor	0.9 (for ASC#7)
- AC-to-ASC mapping table	
- AC-to-ASC mapping	6 (ACU-9)
- AC-to-ASC mapping	5 (AC10)
- AC-to-ASC mapping	4 (ACTT) = 3 (ACT2)
- AC-to-ASC mapping	2(AC12)
- AC-to-ASC mapping	1 (AC14)
- AC-to-ASC mapping	() (A(.15))
- AC-to-ASC mapping	0 (AC15) 31
- AC-to-ASC mapping - Primary CPICH DL TX power - Constant value	0 (AC15) 31 -10
- AC-to-ASC mapping - Primary CPICH DL TX power - Constant value - PRACH power offset	0 (AC15) 31 -10
- AC-to-ASC mapping - Primary CPICH DL TX power - Constant value - PRACH power offset - Power Ramp Step	0 (AC15) 31 -10 3dB
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> </ul>	0 (AC15) 31 -10 3dB 24
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> </ul>	0 (AC15) 31 -10 3dB <del>24</del>
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> </ul>	0 (AC15) 31 -10 3dB 24 2
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (POCOPOLI (constant in the POLIN)
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01minx</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Drimer CPICH results and a
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary CPICH info</li> <li>Secondary CPICH info</li> <li>Secondary CPICH info</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CCPCH info</li> <li>Secondary CCPCH info</li> <li>Secondary CCPCH info</li> <li>Secondary Scrambling code</li> <li>STTD indicator</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary CCPCH info</li> <li>Secondary crambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present FALSE 128 4 FALSE FALSE FALSE FALSE Fixed
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> </ul>	0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE FALSE Fixed 30

I
- Normal	
- TFCI Field 1 information	
- CHOICE TFCS representation	complete
	2 hit
- CTEC information	0
- Power offset information	Not Present
- CTFC information	1
- Power offset information	Not Present
- FACH/PCH information	
- TFS	(PCH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	240
- RLC SIZE	240
- Number of Transport blocks	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	<sup>1</sup> /2
- Rate matching attribute	230 16 hit
- Transport Channel Identity	12 (for PCH)
- CTCH indicator	FALSE
- PICH info	
- Channelisation code	2
- Number of PI per frame	18
- STTD indicator	FALSE
- Secondary CCPCH info	(SCCPCH including two FACHs)
Primary CPICH usage for channel estimation	Primary CPICH may be used
- Secondary scrambling code	Not Present
- STTD indicator	FALSE
- STTD indicator - Spreading factor	FALSE 64
- STTD indicator - Spreading factor - Code number	FALSE 64 1
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> </ul>	FALSE 64 1 FALSE
- STTD indicator - Spreading factor - Code number - Pilot symbol existence - TFCI existence	FALSE 64 1 FALSE TRUE
- STTD indicator - Spreading factor - Code number - Pilot symbol existence - TFCI existence - Fixed or Flexible position Timing effect	FALSE 64 1 FALSE TRUE Flexible
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TECS</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 4 Not Present 4 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>Power offset information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 5 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Fower offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 1 1 1 1 1 1 1 1 1 1 1 1 1
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FOWER offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present (FACH) Common transport channels
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FOWer offset information</li> <li>CTFC information</li> <li>FOWer offset information</li> <li>CTFC information</li> <li>FOWer offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 1 1 1 1 1 1 1 1 1 1 1 1
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Fower offset information</li> <li>CTFC information</li> <li>Fower offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 1 1 1 1 1 1 1 1 1 1 1 1
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 1 1 1 1 1 1 1 1 1 1 1 1
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>Number of Transport blocks</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 1 1 1 1 1 1 1 1 1 1 1 1

- Number of Transport blocks	3
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
- Semi-static Transport Format information	
<ul> <li>Transmission time interval</li> </ul>	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	220
- CRC size	16 bit
- Transport Channel Identity	13 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	360
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	10 ms
<ul> <li>Type of channel coding</li> </ul>	Turbo
- Rate matching attribute	130
- CRC size	16bit
- Transport Channel Identity	14 (for FACH)
- CTCH indicator	FALSE
- CBS DRX Level 1 information	Not Present

Contents of System Information Block type 6 in connected mode (FDD)

DICH Dower offect	
	-0 UD
- CHOICE Mode	FUU
- AICH Power offset	5 dB
- Primary CCPCH info	Not present
- TX Diversity indicator	
DRACH evetem information list	
- FRACH system information list	
- PRACH system information	
- PRACH info	
- CHOICE mode	FDD
	10000 0000 1111 1111 <sup>D</sup>
- Available SF	64
<ul> <li>Preamble scrambling code number</li> </ul>	0
- Puncturing Limit	10
Available Sub Channel number	
- Transport Channel Identity	15
- RACH TFS	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
	169
- RLC SIZE	100
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
- RLC size	360
<ul> <li>Number of TB and TTI List</li> </ul>	
- Number of Transport blocks	1
- CHOICE Mode	
- CHOICE Logical Channel List	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	20 ms
- Type of channel coding	Convolutional
Cading Data	
- Coding Rate	/2
<ul> <li>Rate matching attribute</li> </ul>	150
- CRC size	16
- RACH TECS	
Normal	
- IFCI Field 1 information	
<ul> <li>CHOICE TFCS representation</li> </ul>	Complete
- TECS addition information	
	2 hit
- CTFC information	0
<ul> <li>Power offset information</li> </ul>	
- CHOICE Gain Factors	Computed Gain Factor, reference TFC id=0
- Power offset Pn-m	-5 dB
CTEC information	
- Power offset information	
- CHOICE Gain Factors	Signalled Gain Factor
- Gain factor ßc	10
- Gain factor Rd	15
- Power offset Pp-m	-20R
- PRACH partitioning	
- Access Service Class	
- ASC Setting	Not Present
<ul> <li>Available signature Start Index</li> </ul>	<mark>0 (ASC#0)</mark>
- Available signature End Index	<del>7 (ASC#0)</del>
- Assigned Sub-channel Number	41111'B
- ASC Setting	
- CHUICE mode	
<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#1)
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#1)
- Assigned Sub-channel Number	(1111'B
	Not Procent
- ASC Setting	
- CHOICE mode	FDD
Available signature Start Index	0 (ASC#2)

I

- Available signature End Index	<del>7 (ASC#2)</del>
	<mark>'1111'B</mark>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#3)
- Available signature End Index	7 (ASC#3)
- Assigned Sub-channel Number	Not Present
- ASC Setting	Not Present
Available signature Start Index	
- Available signature End Index	$\frac{1}{2}$
- Assigned Sub-channel Number	<u>(1111'B</u>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#5)
- Available signature End Index	7 (ASC#5)
<ul> <li>Assigned Sub-channel Number</li> </ul>	'1111'B
- ASC Setting	Not Present
	<b>FDD</b>
	0 (ASC#6)
- Available signature End Index	<del>7 (ASC#6)</del>
- ASSIGNED SUD-CHANNEL NUMBER	-++++B
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#7)
- Available signature End Index	7 (ASC#7)
- Assigned Sub-channel Number	'1111'B
- Persistence scaling factor	
- Persistence scaling factor	0.9 (for ASC#2)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#3)
- Persistence scaling factor	0.9 (for ASC#4)
- Persistence scaling factor	0.9 (for ASC#5)
- Persistence scaling factor	0.9 (for ASC#6)
- Persistence scaling factor	0.9 (IOF ASC#7)
- AC-10-ASC mapping table	
- Constant value	-10
- PRACH power offset	
- Power Ramp Step	3dB
- Preamble Retrans Max	2 <u>4</u>
- RACH transmission parameters	
- Mmax	2
- NB01min	3 slot
- NB01max	10 slot
- AICH INIO Channelization code	2
- STTD indicator	5 FALSE
- AICH transmission timing	<del>0</del> 1
- Secondary CCPCH system information	(For 2 SCCPCHs)
- Secondary CCPCH info	(SCCPCH for standalone PCH)
Primary CPICH usage for channel estimation	Primary CPICH may be used
Secondary CPICH info	Not Present
- Secondary scrambling code	Not Present
- STID indicator	FALSE
- Spreading lactor	120
- Pilot symbol existence	
- TECL existence	FALSE
- Fixed or Flexible position	Fixed
- Timing offset	30
- TFCS	
- Normal	
- TFCI Field 1 information	
- CHOICE TFCS representation	
	Complete
- TFCS addition information	
- TFCS addition information     - CHOICE CTFC Size     - CTEC information	2 bit
- TFCS addition information     - CHOICE CTFC Size     - CTFC information     - Power offset information	2 bit 0 Not Present
<ul> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	2 bit 0 Not Present 1

- Power offset information	Not Present
- FACH/PCH information	
- TFS	(PCH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	240
- RLC SIZE - Number of TB and TTL List	240
- Number of Transport blocks	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	10 ms
- Type of channel coding	
- Couling Rale	<sup>/2</sup> 230
- CRC size	16 bit
- Transport Channel Identity	12 (for PCH)
- CTCH indicator	FALSE
- PICH info	
- Channelisation code	2
- Number of PI per frame	18
- STID indicator	FALSE
- Secondary CCPCH Into	(SCCPCH including two FACHS)
- Secondary CPICH info	Not Present
- Secondary scrambling code	Not Present
- STTD indicator	FALSE
- Spreading factor	64
- Code number	1
- Pilot symbol existence	FALSE
- IFCI existence	
- Fixed of Flexible position	
- TITING ONSEL	0
- Normal	
- TFCI Field 1 information	
<ul> <li>CHOICE TFCS representation</li> </ul>	Complete
<ul> <li>TFCS addition information</li> </ul>	
- CHOICE CTFC Size	4 bit
- CTFC Information	U Not Procent
- CTEC information	1
- Power offset information	Not Present
- CTFC information	2
- Power offset information	Not Present
- CTFC information	3
- Power offset information	Not Present
- CIFC Information	4 Not Procent
- CTEC information	5
- Power offset information	Not Present
- FACH/PCH information	
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
- Dynamic Transport format information	
- RLC Size	168
- Number of Transport blocks	0
- Number of Transport blocks	1
- Number of Transport blocks	2
- Number of Transport blocks	3
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Cooling Rate	<sup>/2</sup>
- Rate matching attribute	

- CRC size	16 bit
- Transport Channel Identity	13 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
- Dynamic Transport format information	
- RLC Size	360
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	10 ms
- Type of channel coding	Turbo
- Rate matching attribute	130
- CRC size	16bit
<ul> <li>Transport Channel Identity</li> </ul>	14 (for FACH)
- CTCH indicator	FALSE
- CBS DRX Level 1 information	Not Present

# 6.1.2 SCCPCH configuration with Stand-alone SRB for PCCH in the first SCCPCH, RB for CTCH + SRBs for CCCH/BCCH in the second SCCPCH and Interactive/Background 32 kbps PS RAB + SRBs for CCCH/DCCH/BCCH in the third SCCPCH

Three SCCPCHs are used in this SYSTEM INFORMATION configuration. The first SCCPCH carries the PCH. The second SCCPCH carries the FACH for CTCH (Cell Broadcast Service) and the FACH for SRBs on CCCH/ BCCH for idle mode UEs. The third SCCPCH carries the FACH for Interactive/Background 32 kbps PS RAB and the FACH for SRBs on CCCH/ DCCH/ BCCH for connected mode UEs.

This Reference System Configuration is the same as defined in chapter 6.1, except for the following SIBs.

Contents of System Information Block type 5 (FDD)

- SIB6 indicator	TRUE
- PICH Power offset	-5 dB
	5 dB
Primary CCPCH info	Not propert
- Filling CCFCF III0	
	FALOE
- PRACH system information list	
- PRACH system information	
- PRACH info	
- CHOICE mode	FDD
- Available Signature	'0000 0000 1111 1111'B
- Available SF	64
<ul> <li>Preamble scrambling code number</li> </ul>	0
- Puncturing Limit	1.0
- Available Sub Channel number	ʻ1111 1111 1111'B
- Transport Channel Identity	15
- RACH TFS	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- BLC size	168
- Number of TB and TTL List	100
Number of Transport blocks	1
- CHOICE Logical Channel List	ALL
- RLC size	360
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	20 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	150
- CRC size	16
- BACH TECS	
- Normal	
- TECI Field 1 information	
- CHOICE TECS representation	Complete
TECS addition information	Complete
- CHOICE CIFC Size	
- CIFC information	0
- Power onset information	Computed Opin Foster reference TEO ist 0
- CHUICE Gain Factors	Computed Gain Factor, reference TFC Id=0
- Power offset Pp-m	-2 0B
- CIFC information	1
- Power ottset information	
- CHOICE Gain Factors	Signalled Gain Factor
- Gain factor ßc	10
- Gain factor ßd	15
- Reference TFC ID	0
- Power offset Pp-m	-5dB
- PRACH partitioning	
- Access Service Class	
- ASC Setting	Not Present
	FDD
- Available signature Start Index	0 (ASC#0)
- Available signature End Index	7 (ASC#0)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#1)
- Available signature Statt Index	7 (ASC#1)
- Available Signature Erru Index	(1111)B
Assigned Sub-channel Nulliber	Net Present
- ASC Setting	

		·
	Available signature Start Index	0 (ASC#2)
	- Available signature End Index	
	Assigned Sub shannel Number	(1111) (1111)
-	· ASC Setting	
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#3)
	- Available signature End Index	7 (ASC#3)
	- Assigned Sub-channel Number	'1111'B
-	- ASC Setting	Not Present
	- CHOICE mode	FDD
	- Available signature Start Index	$\rho(\Lambda SC \# 4)$
	- Available signature End Index	7 (ASC # A)
	- Assigned Sub-channel Number	<del>++++B</del>
-	- ASC Setting	
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#5)
	- Available signature End Index	7 (ASC # 5)
	Assigned Sub shannel Number	(1111)D
-	ASC Setting	Not Present
1 _	- CHOICE mode	FDD
	- Available signature Start Index	<del>0 (<mark>ASC#6)</mark></del>
	- Available signature End Index	7 (ASC#6)
	- Assigned Sub-channel Number	<u>1111'B</u>
	ASC Sotting	
-	ASC Setting	
	- CHOICE mode	нии
	<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#7)
	- Available signature End Index	7 (ASC#7)
	- Assigned Sub-channel Number	'1111'B
	Dereistenen sooling foster	11110
- 1	Persistence scaling factor	0.0 ((
-	Persistence scaling factor	0.9 (for ASC#2)
-	Persistence scaling factor	0.9 (for ASC#3)
-	Persistence scaling factor	0.9 (for ASC#4)
-	Persistence scaling factor	0.9 (for ASC#5)
_	Persistence scaling factor	0.9 (for $ASC#6$ )
_	Devolution of the scaling factor	$0.9(101 \times 30^{+0})$
-	Persistence scaling factor	0.9 (for ASC#7)
- /	AC-to-ASC mapping table	
-	AC-to-ASC mapping	6 (AC0-9)
-	AC-to-ASC mapping	5 (AC10)
-	AC-to-ASC mapping	5 (AC10) 4 (AC11)
-	AC-to-ASC mapping AC-to-ASC mapping	5 (AC10) 4 (AC11) 3 (AC12)
-	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping	5 (AC10) 4 (AC11) 3 (AC12)
-	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13)
-	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14)
-	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15)
-	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31
- - - - - - - -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10
- - - - - - - - - - - - - - - - - -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10
- - - - - - - - - - - - - - - - - - -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB
- - - - - - - - - - - - - - -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24
- - - - - - - - - - - - - - -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24
- - - - - - - - - - - - - - - - - - -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2
- - - - - - - - - - - - - - - - - - -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot
- - - - - - - - - - - - - - - - - - -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
- - - - - - - - - - - - - - - - - - -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
- - - - - - - - - - - - - - - - - - -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
- - - - - - - - - - - - - - - - - - -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 
-   -   -   -   -   -   -   -   -   -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE
-   -   -   -   -   -   -   -   -   -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs)
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH info	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH)
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH info	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Brimery CPICH more beyond
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH info Primary CPICH usage for channel estimation	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH info Primary CPICH usage for channel estimation Secondary CPICH info	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not-Present
-   -   -   -   -   -   -   -   -   -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH info Primary CPICH usage for channel estimation Secondary CCPCH info Secondary CCPCH info	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH info Primary CPICH usage for channel estimation Secondary CCPCH info Secondary Scrambling code STTD indicator	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present FALSE
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH info Primary CPICH usage for channel estimation Secondary CCPCH info Secondary Scrambling code STTD indicator Spreading factor	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH info Primary CPICH usage for channel estimation Secondary CCPCH info Secondary Scrambling code STTD indicator Spreading factor Code number	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH system information Secondary CCPCH info Primary CPICH usage for channel estimation Secondary CCPCH info Secondary Scrambling code STTD indicator Spreading factor Code number Pilot symbol avistence	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 EALSE
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH info Primary CPICH usage for channel estimation Secondary CCPCH info Secondary Scrambling code STTD indicator Spreading factor Code number Pilot symbol existence	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE 5 ALSE 5 ALSE 5 ALSE
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH system information Secondary CCPCH info Primary CPICH usage for channel estimation Secondary CCPCH info Secondary Scrambling code STTD indicator Spreading factor Code number Pilot symbol existence TFCI existence	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present FALSE 128 4 FALSE FALSE FALSE
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH info Primary CPICH usage for channel estimation Secondary CCPCH info Secondary Scrambling code STTD indicator Spreading factor Code number Pilot symbol existence TFCI existence Fixed or Flexible position	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present FALSE 128 4 FALSE
-   -   -   -   -   -   -   -   -   -	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH system information Secondary CCPCH info Primary CPICH usage for channel estimation Secondary Scrambling code STTD indicator Spreading factor Code number Pilot symbol existence TFCI existence Fixed or Flexible position Timing offset	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE FALSE FALSE Fixed 30
	AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping AC-to-ASC mapping Primary CPICH DL TX power Constant value PRACH power offset Power Ramp Step Preamble Retrans Max RACH transmission parameters Mmax NB01min NB01max AICH info Channelisation code STTD indicator AICH transmission timing Secondary CCPCH system information Secondary CCPCH info Primary CPICH usage for channel estimation Secondary CCPCH info Secondary Scrambling code STTD indicator Spreading factor Code number Pilot symbol existence TFCI existence Fixed or Flexible position Timing offset TFCS	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE FALSE FALSE Fixed 30

I

- TFCI Field 1 information	
<ul> <li>CHOICE TFCS representation</li> </ul>	complete
<ul> <li>TFCS addition information</li> </ul>	
- CHOICE CTFC Size	2 bit
- CTFC information	0
<ul> <li>Power offset information</li> </ul>	Not Present
- CTFC information	1
<ul> <li>Power offset information</li> </ul>	Not Present
- FACH/PCH information	
- TFS	(PCH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	240
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	10 ms
<ul> <li>Type of channel coding</li> </ul>	Convolutional
- Coding Rate	1/2
<ul> <li>Rate matching attribute</li> </ul>	230
- CRC size	16 bit
- Transport Channel Identity	12 (for PCH)
- CTCH indicator	FALSE
- PICH info	
- Channelisation code	2
<ul> <li>Number of PI per frame</li> </ul>	18
- STTD indicator	FALSE
- Secondary CCPCH info	(SCCPCH including two FACHs)
- Secondary CCPCH info - Primary CPICH usage for channel estimation	(SCCPCH including two FACHs) Primary CPICH may be used
- Secondary CCPCH info     - Primary CPICH usage for channel estimation     Secondary CPICH info	(SCCPCH including two FACHs) <del>Primary CPICH may be used</del> <del>Not Present</del>
<ul> <li>Secondary CCPCH info         <ul> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> </ul> </li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present Not Present
<ul> <li>Secondary CCPCH info         <ul> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> </ul> </li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present Not Present FALSE
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE FALSE
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE Flexible
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE Flexible 0
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE Flexible 0
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE Flexible 0
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE Flexible 0
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE Flexible 0 complete
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE Flexible 0 complete
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE Flexible 0 complete 2 bit
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE Flexible 0 complete 2 bit 0
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE Flexible 0 complete 2 bit 0 Not Present
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE Flexible 0 complete 2 bit 0 Not Present 1
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>Power offset information</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE Flexible 0 complete 2 bit 0 Not Present 1 Not Present
<ul> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> </ul>	(SCCPCH including two FACHs) Primary CPICH may be used Not Present FALSE 128 5 FALSE TRUE Flexible 0 complete 2 bit 0 Not Present 1 Not Present 2

- FACH/PCH Information	
	(FACH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	168
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	10 ms
<ul> <li>Type of channel coding</li> </ul>	Convolutional
- Coding Rate	1/3
<ul> <li>Rate matching attribute</li> </ul>	220
- CRC size	16 bit
- Transport Channel Identity	13 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	168
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
<ul> <li>Type of channel coding</li> </ul>	Convolutional
- Coding Rate	1/3
- Rate matching attribute	220
- CRC size	16bit
- Transport Channel Identity	14 (for FACH)
- CTCH indicator	TRUE
- CBS DRX Level 1 information	
<ul> <li>Period of CTCH allocation (N)</li> </ul>	2
- CBS frame offset (K)	0

Contents of System Information Block type 6 in connected mode (FDD)

DICH Dower offect	
	-5 0.0
- CHOICE Mode	FDD
- AICH Power offset	5 dB
- Primary CCPCH info	Not present
TV Diversity indicator	
	FALOE
- PRACH system information list	
- PRACH system information	
- PRACH info	
- Available Signature	10000 0000 1111 1111B
- Available SF	64
- Preamble scrambling code number	0
- Puncturing Limit	10
Available Cub Channel number	
- Available Sub Channel number	1111 1111 1111B
- Transport Channel Identity	15
- RACH TFS	
- CHOICE Transport channel type	Common transport channels
Dynamia Transport format information	
- RLC size	168
- Number of TB and TTI List	
- Number of Transport blocks	1
- CHOICE Mode	
- CHUICE LOgical Channel List	ALL
- RLC size	360
- Number of TB and TTI List	
- Number of Transport blocks	1
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	20 ms
	Convolutional
- Type of channel coding	Convolutional
- Coding Rate	1/2
<ul> <li>Rate matching attribute</li> </ul>	150
- CRC size	16
- RACITIFUS	
- Normal	
- TFCI Field 1 information	
- CHOICE TECS representation	Complete
- TECS addition information	
	0.1-14
- CHUICE CIFC Size	2 DIT
- CTFC information	0
<ul> <li>Power offset information</li> </ul>	
- CHOICE Gain Factors	Computed Gain Factor reference TEC id-0
Dowor offect Do m	
- CIFC information	1
<ul> <li>Power offset information</li> </ul>	
- CHOICE Gain Factors	Signalled Gain Factor
- Gain factor Rc	10
- Gain factor 8d	10
- Gain factor iso	
- Reterence TFC ID	0
- Power offset Pp-m	-5dB
- PRACH partitioning	
- Access Service Class	
- AUGOS OFINICE CIASS	Not Droppet
- ASC Setting	NOTPRESENT
- CHOICE mode	FDD
<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#0)
- Available signature End Index	Z (ASCHO)
Accigned Sub channel Number	(1111 <sup>D</sup>
A OO Optitie a	
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#1)
- Available signature End Index	7 (ASC#1)
Apping of Cub shared Number	
- Assigned Sub-channel Number	
- ASC Setting	Not Present
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#2)
, trancolo signaturo otare maox	

I

	7 (ASC#2)
- Assigned Sub-channel Number	<del>'1111'B</del>
- ASC Setting - CHOICE mode	FDD
- Available signature Start Index	0 (ASC#3)
- Available signature End Index	7 (ASC#3)
<ul> <li>Assigned Sub-channel Number</li> </ul>	'1111'B
- ASC Setting	Not Present
- Available signature End Index	$\frac{1}{7} \left( ASC + 4 \right)$
- Assigned Sub-channel Number	<u>'1111'B</u>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#5)
- Available signature End Index	7 (ASC#S) (1111'B
- ASC Setting	Not Present
	FDD
<ul> <li>Available signature Start Index</li> </ul>	<mark>0 (ASC#6)</mark>
<ul> <li>Available signature End Index</li> </ul>	<del>7 (ASC#6)</del>
- Assigned Sub-channel Number	<del>1111 B</del>
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#7)
- Available signature End Index	7 (ASC#7)
- Assigned Sub-channel Number	'1111'B
- Persistence scaling factor	0.0 (for ASC#2)
- Persistence scaling factor	0.9 (for ASC#2)
- Persistence scaling factor	0.9 (for ASC#4)
- Persistence scaling factor	0.9 (for ASC#5)
- Persistence scaling factor	0.9 (for ASC#6)
- Persistence scaling factor	0.9 (for ASC#7)
- AC-to-ASC mapping table	Not present
- Constant value	-10
- PRACH power offset	-
- Power Ramp Step	3dB
- Preamble Retrans Max	<u>24</u>
- Mmax	2
- NB01min	3 slot
- NB01max	10 slot
- AICH info	
- Channelisation code	
- STTD Indicator	PALSE
- Secondary CCPCH system information	0
- Secondary CCPCH info	(SCCPCH including two FACHs)
	Primary CPICH may be used
Secondary CPICH Into	Not Present
- Secondary scrambling code	FALSE
- Spreading factor	64
- Code number	1
- Pilot symbol existence	FALSE
- TFCI existence	TRUE
- Fixed or Flexible position	
- TFCS	
- Normal	
- TFCI Field 1 information	
- CHOICE TFCS representation	Complete
	4 hit
- CTFC information	0
- Power offset information	Not Present
- CTFC information	1

	l
- Power offset information	Not Present
- CTFC information	2
- Power offset information	Not Present
- CTFC information	3
<ul> <li>Power offset information</li> </ul>	Not Present
<ul> <li>CTFC information</li> </ul>	4
<ul> <li>Power offset information</li> </ul>	Not Present
- CTFC information	5
<ul> <li>Power offset information</li> </ul>	Not Present
- FACH/PCH information	
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	168
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
<ul> <li>Number of Transport blocks</li> </ul>	2
<ul> <li>Number of Transport blocks</li> </ul>	3
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	10 ms
<ul> <li>Type of channel coding</li> </ul>	Convolutional
- Coding Rate	1/2
<ul> <li>Rate matching attribute</li> </ul>	220
- CRC size	16 bit
<ul> <li>Transport Channel Identity</li> </ul>	16 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	360
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	10 ms
- Type of channel coding	Turbo
<ul> <li>Rate matching attribute</li> </ul>	130
- CRC size	16bit
- Transport Channel Identity	17 (for FACH)
- CTCH indicator	FALSE
<ul> <li>CBS DRX Level 1 information</li> </ul>	Not Present

6.1.3 SCCPCH configuration with Stand-alone SRB for PCCH in the first SCCPCH and Interactive/Background 32 kbps PS RAB + SRBs for CCCH/DCCH/BCCH in the second and third SCCPCHs

Three SCCPCHs are used in this SYSTEM INFORMATION configuration. The first SCCPCH carries the PCH and both the second and third SCCPCHs carry the FACH for Interactive/Background 32 kbps PS RAB and the FACH for SRBs on CCCH/ DCCH/ BCCH.

This Reference System Configuration is the same as defined in chapter 6.1, except for the following SIBs. (SIB6 is not used in this configuration.)

Contents of Scheduling Block 1 (FDD)

-	Re	fere	en	ces	to	other	system	information	blocks

- Scheduling information
- CHOICE Value tag
- Cell Value tag

Cell Value tag

- SEG_COUNT	3
- SIB_REP	128
- SIB_POS	26
- SIB_POS offset info	
- SIB_OFF	2
- SIB_OFF	2
- SIB type SIBs only	System Information Type 5
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	1
- SIB_REP	128
- SIB POS	22
- SIB_POS offset info	Not Present – use default
- SIB type SIBs only	System Information Type 7
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNŤ	2
- SIB_REP	128
- SIB_POS	58
- SIB_POS offset info	
- SIB_OFF	2
- SIB type SIBs only	System Information Type 11
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	2
- SIB_REP	128
- SIB_POS	106
- SIB_POS offset info	
- SIB_OFF	2
- SIB type SIBs only	System Information Type 12
- Scheduling information	
- CHOICE Value tag	PLMN Value tag
- PLMN Value tag	1
- SEG_COUNT	6
- SIB_REP	128
- SIB_POS	74
- SIB_POS offset info	
- SIB_OFF	2
- SIB_OFF	2
- SIB_OFF	8
- SIB_OFF	4
- SIB_OFF	2
<ul> <li>SIB type SIBs only</li> </ul>	System Information Type 16

Contents of System Information Block type 5 (FDD)

- SIB6 indicator	FALSE
- PICH Power offset	-5 dB
	5 dB
Primary CCDCH info	Not propert
- Filling CCFCH IIIO	
	FALOE
- PRACH system information list	
- PRACH system information	
- PRACH info	
- CHOICE mode	FDD
- Available Signature	'0000 0000 1111 1111'B
- Available SF	64
<ul> <li>Preamble scrambling code number</li> </ul>	0
- Puncturing Limit	1.0
- Available Sub Channel number	ʻ1111 1111 1111'B
- Transport Channel Identity	15
- RACH TFS	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- BLC size	168
- Number of TB and TTL List	100
Number of Transport blocks	1
- CHOICE Logical Channel List	ALL
- RLC size	360
- Number of IB and III List	
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	20 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	150
- CRC size	16
- BACH TECS	
- Normal	
- TECL Field 1 information	
- CHOICE TECS representation	Complete
TECS addition information	Complete
- CHOICE CIFC Size	
- CIFC mormation	0
- Power offset information	
- CHUICE Gain Factors	Computed Gain Factor reference IFC Id=0
- Power offset Pp-m	-5 dB
- CIFC information	1
- Power ottset information	
- CHOICE Gain Factors	Signalled Gain Factor
- Gain factor ßc	10
- Gain factor ßd	15
- Reference TFC ID	0
- Power offset Pp-m	-5dB
- PRACH partitioning	
- Access Service Class	
- ASC Setting	Not Present
	FDD
- Available signature Start Index	0 (ASC#0)
- Available signature End Index	7 (ASC#0)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#1)
- Available signature End Index	7 (Δ90#1)
- Assigned Sub-channel Number	(1111'B
- ASC Setting	Not Present

1		
	- Available signature Start Index	0 (ASC#2)
	Available signature End Index	
	- Available signature End Index	
	Assigned Sub-channel Number	<mark>'1111'B</mark>
	- ASC Setting	
	- CHOICE mode	FDD
	Available signature Start Index	
	- Avaliable signature Start Index	
	<ul> <li>Available signature End Index</li> </ul>	7 (ASC#3)
	<ul> <li>Assigned Sub-channel Number</li> </ul>	'1111'B
	- ASC Setting	Not Present
		FUD
	- Available signature Start Index	0 (ASC#4)
	- Available signature End Index	7 (ASC#4)
	- Assigned Sub-channel Number	11111B
	- ASC Setting	
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#5)
	- Available signature End Index	7 (ASC # 5)
	- Assigned Sub-channel Number	11111B
	- ASC Setting	Not Present
	- CHOICE mode	EDD
	- Available signature Start Index	0(ASC#6)
	Available signature Start Huck	
	- Available signature End Index	
	Assigned Sub-channel Number	<mark>'1111'B</mark>
	- ASC Setting	
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#7)
	<ul> <li>Available signature End Index</li> </ul>	7 (ASC#7)
	- Assigned Sub-channel Number	'1111'B
	Porsistoneo scaling factor	
	- Feisistence scalling lactor	0.0 (far 100 (0)
	- Persistence scaling factor	0.9 (for ASC#2)
	<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#3)
	- Persistence scaling factor	0.9 (for ASC#4)
	- Persistence scaling factor	0.9 (for ASC#5)
	- Persistence scaling factor	0.9 (for ASC#6)
	<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#7)
	- AC-to-ASC mapping table	
	- AC-to-ASC mapping	6 (AC0-9)
	AC to ACC mapping	$E(\Lambda C10)$
	- AC-IO-ASC mapping	5 (AC10)
	- AC-to-ASC mapping	4 (AC11)
	- AC-to-ASC mapping - AC-to-ASC mapping	4 (AC11) 3 (AC12)
	- AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping	4 (AC11) 3 (AC12) 2 (AC13)
	- AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14)
	- AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14)
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15)
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Presemble Datases Mark</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01min</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs)
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH)
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01 min</li> <li>NB01 max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary code</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CCPCH info</li> <li>Secondary Scrambling code</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present EALOSE
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present FALSE
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present Not Present FALSE 128
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Code number</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 6
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 6 FALSE
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary Scrambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TECL avistence</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 6 FALSE EALSE
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 6 FALSE FALSE FALSE FALSE FALSE FALSE
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>Tixed or Flexible position</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present FALSE 128 6 FALSE
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CCPCH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TirCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present FALSE 128 6 FALSE FALSE FALSE FALSE FALSE Fixed 30
	<ul> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01 min</li> <li>NB01 max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary Scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>Tircl existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 6 FALSE FALSE FALSE FALSE FALSE Fixed 30

I

- Normal	
- TFCI Field 1 information	
- CHOICE TFCS representation	Complete
- IFCS addition information	
- CHOICE CIFC Size	2 bit
- CIFC information	U Not Dropont
- Power onset information	Not Present
- CTFC Information	I Not Present
- Fower onset mornation	Not Flesent
- TES	(PCH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	240
- Number of TB and TTI List	
- Number of Transport blocks	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	230 16 hit
- URU SIZE	10 DIL 12 (for DCH)
- CTCH indicator	
- PICH info	TALSE
- Channelisation code	2
- Number of PI per frame	18
- STTD indicator	FALSE
- Secondary CCPCH info	(SCCPCH including two FACHs)
	Primary CPICH may be used
Secondary CPICH info	Not Present
- Secondary scrambling code	Not Present
- STTD indicator	FALSE
- STTD indicator - Spreading factor	FALSE 64
- STTD indicator - Spreading factor - Code number Bildt symbol existence	FALSE 64 1
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TECL evistence</li> </ul>	FALSE 64 1 FALSE TRUE
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Eixed or Elevible position</li> </ul>	FALSE 64 1 FALSE TRUE Flexible
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Dower offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 4 Not Present 4 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>TFCI existence</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>FACH/PCH information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>TFC information</li> <li>Power offset information</li> <li>TFC information<!--</td--><td>FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present (FACH)</td></li></ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present (FACH)
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present (FACH) Common transport channels
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE TFCS representation</li> <li>CFOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 7 7 7 7 7 7 7 7 7 7 7 7 7
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE TFCS representation</li> <li>CFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 1 1 1 1 1 1 1 1 1 1 1 1
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE TFCS representation</li> <li>CFC information</li> <li>CFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 0 168 2
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE TFCS representation</li> <li>CFC information</li> <li>CFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE TFCS representation</li> <li>CFC information</li> <li>CFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of Transport blocks</li> <li>Number of Transport blocks</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 1 1 1 1 1 1 1 1 1 1 1 1

<ul> <li>Number of Transport blocks</li> </ul>	3
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
	10 ms
- Type of channel coding	
- Coding Rate	<sup>1</sup> /2
- Rate matching attribute	220 16 hit
- URU SIZE Transport Channel Identity	
- Transport Channel Identity	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	Common transport channels
- BLC Size	360
- Number of TB and TTLList	
- Number of Transport blocks	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Turbo
- Rate matching attribute	130
- CRC size	16bit
- Transport Channel Identity	14 (for FACH)
- CTCH indicator	FALSE
<ul> <li>Secondary CCPCH info</li> </ul>	(SCCPCH including two FACHs)
- Primary CPICH usage for channel estimation	Primary CPICH may be used
- Secondary CPICH Into	Not Present
- Secondary scrambling code	
- STID Indicator	
- Spreading lactor	2
- Code humber Bilet avmbel existence	
- FIIOL SYMDOL EXISTENCE	TRUE
- Flot symbol existence - TFCI existence - Fixed or Flexible position	TRUE Flexible
<ul> <li>Flot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> </ul>	TRUE Flexible 90
<ul> <li>Flot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> </ul>	TRUE Flexible 90
<ul> <li>- Flot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> </ul>	TRUE Flexible 90
<ul> <li>- Flot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> </ul>	TRUE Flexible 90
<ul> <li>- Flot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> </ul>	TRUE Flexible 90
<ul> <li>- Flot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> </ul>	TRUE Flexible 90 Complete
<ul> <li>- Flot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> </ul>	TRUE Flexible 90 Complete 4 bit
<ul> <li>- Flot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0
<ul> <li>- Flot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> <li>- Power offset information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present
<ul> <li>- Flot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- CTFC information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1
<ul> <li>Flot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present
<ul> <li>- Flot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> </ul>	<pre>FALSE TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2</pre>
<ul> <li>- Filot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> </ul>
<ul> <li>- Filot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> </ul>
<ul> <li>- Filot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> </ul>
<ul> <li>- Filot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>4</li> <li>Not Present</li> </ul>
<ul> <li>- Filot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>4</li> <li>Not Present</li> <li>5</li> </ul>
<ul> <li>- Filot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Dower offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>4</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> </ul>
<ul> <li>- Filot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- CTFC information</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>4</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> </ul>
<ul> <li>- Filot symbol existence</li> <li>- TFCI existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- TFS</li> </ul>	FALSE TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 10 10 10
<ul> <li>- Filot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- TFS</li> <li>- CHOICE Transport channel type</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>4</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>(FACH)</li> <li>Common transport channels</li> </ul>
<ul> <li>- Filot symbol existence</li> <li>- TFCI existence</li> <li>- Fixed or Flexible position</li> <li>- Timing offset</li> <li>- TFCS</li> <li>- Normal</li> <li>- TFCI Field 1 information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS addition information</li> <li>- CHOICE CTFC Size</li> <li>- CTFC information</li> <li>- Power offset information</li> <li>- CTFC information</li> <li>- TFS</li> <li>- CHOICE Transport channel type</li> <li>- Dynamic Transport format information</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>4</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>(FACH)</li> <li>Common transport channels</li> </ul>
<ul> <li>Fliot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information <ul> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> </ul> </li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>4</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>168</li> </ul>
<ul> <li>Fliot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information <ul> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> </ul></li></ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>4</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>168</li> </ul>
<ul> <li>Filot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>4</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>168</li> <li>0</li> </ul>
<ul> <li>Filot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>Number of Transport blocks</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>4</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>168</li> <li>0</li> <li>1</li> </ul>
<ul> <li>Filot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>Number of Transport blocks</li> <li>Number of Transport blocks</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>4</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>68</li> <li>0</li> <li>1</li> <li>2</li> </ul>
<ul> <li>Filot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>Number of Transport blocks</li> <li>Number of Transport blocks</li> <li>Number of Transport blocks</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>68</li> <li>0</li> <li>1</li> <li>2</li> <li>3</li> </ul>
<ul> <li>Filot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>68</li> <li>0</li> <li>1</li> <li>2</li> <li>3</li> <li>FDD</li> </ul>
<ul> <li>Filot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>CHOICE Logical Channel List</li> </ul>	<ul> <li>FALSE</li> <li>TRUE</li> <li>Flexible</li> <li>90</li> <li>Complete</li> <li>4 bit</li> <li>0</li> <li>Not Present</li> <li>1</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>4</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>5</li> <li>Not Present</li> <li>68</li> <li>0</li> <li>1</li> <li>2</li> <li>3</li> <li>FDD</li> <li>ALL</li> </ul>

- Transmission time interval	10 ms
<ul> <li>Type of channel coding</li> </ul>	Convolutional
- Coding Rate	1/2
- Rate matching attribute	220
- CRC size	16 bit
<ul> <li>Transport Channel Identity</li> </ul>	16 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	360
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	10 ms
<ul> <li>Type of channel coding</li> </ul>	Turbo
<ul> <li>Rate matching attribute</li> </ul>	130
- CRC size	16bit
<ul> <li>Transport Channel Identity</li> </ul>	17 (for FACH)
- CTCH indicator	FALSE
- CBS DRX Level 1 information	Not Present

# 6.1.4 Default parameters for 1 to 8 cell environments

#### Default settings for cell No.1 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	<u>100</u>

#### Default settings for cell No.1 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	

### Cell No.2

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.2 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0010B
URA identity	<u>0000 0000 0000 0001B</u>

### Default settings for cell No.2 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
<ul> <li>Primary CPICH info</li> </ul>	
<ul> <li>Primary scrambling code</li> </ul>	<u>150</u>

#### Default settings for cell No.2 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	4 <u>4</u>

#### Cell No.3

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.3 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0011B
URA identity	0000 0000 0000 0010B

#### Default settings for cell No.3 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	200

#### Default settings for cell No.3 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	8

#### Cell No.4

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.4 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0100B
URA identity	<u>0000 0000 0000 0010B</u>

### Default settings for cell No.4 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	<u>250</u>

#### Default settings for cell No.4 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<u>12</u>

#### Cell No.5

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.5 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0101B
URA identity	<u>0000 0000 0000 0011B</u>

#### Default settings for cell No.5 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	<u>300</u>

#### 

#### Default settings for cell No.5 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
<ul> <li>Primary CCPCH info</li> </ul>	
- Cell parameters ID	<mark>114</mark>

#### Cell No.6

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.6 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0110B
URA identity	<u>0000 0000 0000 0011B</u>

### Default settings for cell No.6 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	<u>350</u>

### Default settings for cell No.6 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
<ul> <li>Primary CCPCH info</li> </ul>	
- Cell parameters ID	<u>119</u>

#### Cell No.7

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.7 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0111B
URA identity	<u>0000 0000 0000 0100B</u>

#### Default settings for cell No.7 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	400

#### 

#### Default settings for cell No.7 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<u>123</u>

#### Cell No.8

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.8 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 1000B
URA identity	0000 0000 0000 0100B

#### Default settings for cell No.8 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	<mark>450</mark>

### Default settings for cell No.8 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<u>127</u>

# 6.1.5 Reference Radio Conditions for signalling test cases only (FDD)

The following transmission parameters shall be used for signalling test cases only unless otherwise stated in the description of the individual test case.

Table 6.1.3 are the default settings for a non-suitable cell which is configured and always present whereas Table 6.1.4 is for a cell that is switched off. Cells configured according to Table 6.1.3 are for test cases in which it is necessary to make a cell unsuitable, and then subsequently make it suitable. This could be achieved by switching the cell off and then reconfiguration as in Table 6.1.4, but this takes a lot of time to do.

#### Table 6.1.1: Default settings for a serving cell in a single cell environment

Parameter	<u>Unit</u>	Cell 1	
Cell type		Serving cell	
UTRA RF Channel Number		Channel 1	
Qqualmin	<u>dB</u>	<mark>-24</mark>	
Qrxlevmin	dBm	<mark>-80</mark>	
UE_TXPWR_MAX_RACH	dBm	<mark>21</mark>	
CPICH Ec (see notes 1 and 2)	dBm/3.84	<mark>-60</mark>	
	MHz		
NOTE 1: The power level is specified in terms of CPICH Ec instead of CPICH RSCP as RSCP			
is a receiver measurement and only CPICH_Ec can be directly controlled by the SS.			
NOTE 2: The cell fulfils TS 25.304, 5.2.3.1.2 and TS 25.133, 8.1.2.2.1.			

### Table 6.1.2: Default settings for a serving cell and a suitable neighbour cell in a multi-cell enviromemt

Parameter	Unit	Cell 1	Cell 2	
Cell type		Serving cell	Suitable neighbour cell	
UTRA RF Channel Number		Channel 1	Channel 1	
Qqualmin	dB	<mark>-24</mark>	<mark>-24</mark>	
Qrxlevmin	dBm	<mark>-80</mark>	<mark>-80</mark>	
UE_TXPWR_MAX_RACH	dBm	<mark>21</mark>	<mark>21</mark>	
CPICH Ec (see notes 1 and 2)	dBm/3.84	<mark>-60</mark>	<mark>-70</mark>	
	MHz			
NOTE 1: The power level is specified in terms of CPICH Ec instead of CPICH RSCP as RSCP				
is a receiver measurement and only CPICH_Ec can be directly controlled by the SS.				
NOTE 2: Both cells fulfil TS 25.304, 5.2.3.1.2 and TS 25.133, 8.1.2.2.1.				

#### Table 6.1.3: Default settings for a non-suitable cell

Parameter	Unit	Level		
Qqualmin	dB	<mark>-24</mark>		
Qrxlevmin	dBm	<mark>-80</mark>		
UE_TXPWR_MAX_RACH	dBm	<mark>21</mark>		
CPICH_Ec	dBm/3.84	<mark>-90</mark>		
	<u>MHz</u>			
NOTE 1: The power level is specified in terms of CPICH Ec instead of CPICH RSCP as				
RSCP is a receiver measurement and only CPICH_Ec can be directly controlled by				
the SS				
NOTE 2: The cell is not suitable according to TS 25.304, 5.2.3.1.2				

### Table 6.1.4: Default settings for a non-suitable "Off" cell

Parameter	Unit	Level		
Qqualmin	dB	<mark>-24</mark>		
Qrxlevmin	dBm	<mark>-80</mark>		
UE TXPWR MAX RACH	dBm	<u>21</u>		
CPICH_Ec	dBm/3.84	<mark>≤ -122</mark>		
	MHz			
NOTE 1: The power level is specified in terms of CPICH Ec instead of CPICH RSCP as				
RSCP is a receiver measurement and only CPICH Ec can be directly controlled by				
the SS.				
NOTE 2: The cell is not suitable according to TS 25.304, 5.2.3.1.2.				

#### Table 6.1.5: Default power levels of physical channels relative to CPICH\_Ec

Parameter	Unit	Level	Level
		Idle mode	Connected mode
DPCH_Ec	dB	(NOTE)	<mark>-5</mark>
PCCPCH Ec	dB		<mark>-2</mark>
SCCPCH Ec	dB		<mark>-2</mark>
AICH_Ec	dB		<mark>-5</mark>
SCH_Ec	dB		<mark>-2</mark>
PICH_Ec	dB		<mark>-5</mark>
NOTE: This shall be less than -122 dBm to ensure the channel is considered as			
<mark>"off"</mark> .			

6.1.6 Reference Radio Conditions for signalling test cases only (TDD)

### <FFS>

### <End of modified section>

## 3GPP TSG-T1/SIG Meeting #23 Lund, Sweden, 21<sup>st</sup> - 23<sup>rd</sup> May, 2002

# *Tdoc T1S020236/T1R020119*

CR-Form-v5.1													
æ		<b>34.108</b>	CR	105	жI	ev	-	Ħ	Curre	nt vers	sion: <mark>3</mark>	.7.1	ж
For <u>HELP</u> or	n u	sing this fo	rm, see	bottom of	f this pa	ge or	look	at th	е рор-и	ıp text	over th	eжsy	mbols.
Proposed change affects: # (U)SIM ME/UE X Radio Access Network Core Network													
Title:	ж	WCDMA	1800 a	dditions fo	o <mark>r TS34</mark> .	108 F	299						
Source:	ж	Nokia											
Work item code:	: X								D	ate: ೫	8 May	<mark>, 2002</mark>	
Category:	ж	<ul> <li>F</li> <li>Use <u>one</u> of the following categories:</li> <li>F (correction)</li> <li>A (corresponds to a correction in an earlier release)</li> <li>B (addition of feature),</li> <li>C (functional modification of feature)</li> <li>D (editorial modification)</li> <li>Detailed explanations of the above categories can be found in 3GPP <u>TR 21.900</u>.</li> </ul>						Relea Use 2 e) R R R R R R	ase: # one of 296 297 298 299 2EL-4 2EL-4 2EL-5	R99 the follo (GSM F (Releas (Releas (Releas (Releas (Releas	wing rel hase 2) e 1996) e 1997) e 1998) e 1999) e 4) e 5)	eases:	

Reason for change: ३	Test frequencies have not been specified for operating band III. Terminology of current TS34.108 is inconsistent with TS34.121.								
Summary of change: ३	Test frequencies are added for operation band III. Terms operating band I, II and III are added.								
Consequences if	Test frequencies do not exist for operating band III. TS34.108 and TS34.121 are								
not approved:	inconsistent.								
Clauses affected:	B 5.1								
Other specs	Conter core specifications #								
affected:	Test specifications								
	Oam Specifications								
_									
Other comments: ३	Berne and the second								

#### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

# 5 Reference Test Conditions

# 5.1 Test frequencies

The test frequencies are based the UMTS frequency bands defined in the core specifications.

To avoid interference with adjacent frequency bands the lowest test frequency (downlink and uplink) needs to be offset upwardly by at least 2,6 MHz since the channel's width is 5 MHz and the raster spacing is 200KHz. Similarly the highest test frequency (downlink and uplink) needs to be offset downwardly by at least 2,6 MHz.

NOTE: Additional regulations concerning interferences to frequency bands used by different systems may also exist. Those regulations are specific to the country where the test equipment is used and need to be taken into account if they require a higher offset than 2,6 MHz from the edge frequencies.

# 5.1.1 FDD Mode Test frequencies

UTRA/FDD is designed to operate in <u>either one</u> of <u>two-three</u> paired bands [11]. <u>The second band is used in ITU Region</u> 2. The reference test frequencies for the common test environment for each of the <u>2 regions3 operating bands</u> are defined in the following tables:

## 5.1.1.1 Standard FDD reference test frequencies for Operating Band I

Test Frequency ID	UARFCN	Frequency of Uplink	UARFCN	Frequency of Downlink
Low Range	9 613	1 922.6 MHz	10 563	2 112.6 MHz
Mid Range	9 750	1 950.0 MHz	10 700	2 140.0 MHz
High Range	9 887	1 977.4 MHz	10 837	2 167.4 MHz

## 5.1.1.2 FDD reference test frequencies for ITU region 2 Operating Band II

Test Frequency ID	UARFCN	Frequency of Uplink	UARFCN	Frequency of Downlink
Low Range	9 263	1 852.6 MHz	9 663	1 932.6 MHz
Mid Range	9 400	1 880 MHz	9 800	1 960 MHz
High Range	9 537	1 907.4 MHz	9 937	1 987.4 MHz

## 5.1.1.3 FDD reference test frequencies for Operating Band III

Test Frequency ID	UARFCN	Frequency of Uplink	<b>UARFCN</b>	Frequency of Downlink
Low Range	<u>8 563</u>	<u>1 712.6 MHz</u>	<u>9 038</u>	<u>1 807.6 MHz</u>
Mid Range	<u>8 737</u>	<u>1 747.4 MHz</u>	<u>9 212</u>	<u>1 842.4 MHz</u>
High Range	<u>8 912</u>	<u>1 782.4 MHz</u>	<u>9 387</u>	<u>1 877.4 MHz</u>

#### 3GPP TSG T WG1 #15 Lund Sweden 21-24 May 2002

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ж –	<mark>rs 3</mark> 4	<mark>.108</mark>	CR	106	ж	rev	-	ж	Current v	ersior	<sup>n:</sup> 3.7.1	ж
For <u>HELP</u> or	n using	this for	m, see	bottom	of this pa	age or	look	at the	e pop-up t	ext ov	/er the ¥ s	ymbols.
Proposed change affects: # (U)SIM ME/UE X Radio Access Network Core Network												
Title:	ж Up es	date of tablishn	generi nent TI	c setup DD	procedu	res to	use 1	3.6 k	bps SRB	in RR	C connecti	on
Source:	ж <mark>Sie</mark>	emens										
Work item code:	ж <mark>т</mark> Е	1							Date:	* ¥ _2	<mark>2002-05-07</mark>	,
Category:       %       F       Release:       %       R99         Use one of the following categories:       Use one of the following releases:       2       (GSM Phase 2)         A (corresponds to a correction in an earlier release)       R96       (Release 1996)         B (addition of feature),       R97       (Release 1997)         C (functional modification of feature)       R98       (Release 1998)         D (editorial modification)       R99       (Release 1999)         Detailed explanations of the above categories can be found in 3GPP TR 21.900.       REL-5       (Release 5)								eleases: 2) 5) 7) 3) 9)				
Reason for char	ige: ж	RAD	IO BEA		ETUP ref	erenc	<mark>es for</mark>		) needed			
Summary of cha	Added specifi Defaul to TS 3	Ided reference to clause in 34.108 for the 12.2 speech radio bearer in the ecific message content of RADIO BEARER SETUP. Fault parameters for 12.2 kbps speech RAB + 3.4 kbps signalling radio bearer accord TS 34.108 clause 6.10.2.4.1.4 for FDD and clause 6.10.3.4.1.4 for TDD						n the er according				
Consequences i not approved:	f ¥	Signa what	alling ra will be	adio bea used in	rer used real net	in the vorks.	signa	alling	tests will	not be	e represent	ative for
Clauses affected	<i>1:</i>	7.1.3	.4									
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#### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. Below is a brief summary:

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- 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

3

## <Start of modified section>

## 7.1.3.4 Specific message contents

#### 7.1.3.4.1 RADIO BEARER SETUP

The RADIO BEARER SETUP message is sent from the System Simulator to the UE, using AM-RLC on the DCCH logical channel.

The default RRC CONNECTION SETUP message for the setup of a speech radio access bearer is used except for the IE fields specified below.

Information Element		Value/Remark			
Message Type		RADIO BEARER SETUP			
UE Information Elements					
CN Information Elements					
<b>RB</b> Information Elements					
RAB information for setup	Default parameters for 12.2 kbps speech RAB <u>+ 3.4 kbps signalling</u> radio bearer according to TS 34.108 clause 6.10.2.4.1.4 for FDD and clause 6.10.3.4.1.4 for TDD				

## 7.1.3.4.2 RADIO BEARER SETUP COMPLETE

The RADIO BEARER SETUP COMPLETE message is sent from the UE to the System Simulator, using AM-RLC on the DCCH logical channel.

The default RADIO BEARER SETUP COMPLETE message is used .

Information Element	Value/Remark
Message Type	RADIO BEARER SETUP COMPLETE
Use default	

## <End of modified section>

4

•												C	R-Form-v6.1
	CHANGE REQUEST												
ж	Т	S 34	.108	CR	107	ж <b>г</b>	ev	-	ж	Current ve	rsion:	3.7.1	ж
	ę	Spec	Title:	Comm	non Test I	Environm	ents	for Us	er E	quipment (	UE)		ж
		-		Confo	rmance T	estina							
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			A (cor	respond	ds to a con	rection in a	an ea	rlier rel	ease	) R96	(Rel	lease 1996)	
	B (addition of feature), R97 (Release 1997)												
	C (functional modification of feature) R98 (Release 1998)												
	<b>D</b> (editorial modification) R99 (Release 1999)												
	Detailed explanations of the above categories can REL-4 (Release 4)												
be found in 3GPP <u>TR 21.900</u> . REL-5 (Release 5)													
Reason for change: * TDD default message contents are included for testing of UE properly													

Summary of change: ೫	Section 9.1 is splitted in two subsections, one for FDD and one for TDD
	These Contents for default message contents have been identified as necessary to be specified separately for TDD mode in TS 34.108 for the correct behaviour of the tests in TS 34.123-1
	- Contents of RADIO BEARER SETUP message: AM or UM (Speech in CS)
	<ul> <li>Contents of RADIO BEARER SETUP message: AM or UM (Packet to CELL_DCH from CELL_DCH in PS)</li> </ul>
	- Contents of RADIO BEARER SETUP COMPLETE message: AM
	- Contents of RADIO BEARER RELEASE COMPLETE message:AM
	<ul> <li>Contents of RRC CONNECTION SETUP message: UM (Transition to CELL_DCH)</li> </ul>
	Samsung's comment received:
	Contents of RADIO BEARER SETUP message: AM or UM (Packet to CELL DCH from CELL_DCH in PS)
	RRC transaction identifier specifies as 0
Consequences if अ not approved:	The test prose cannot test UE correctly.

Clauses affected:	%   Section 9.1
Other specs affected:	%       Other core specifications       %         Test specifications       0&M Specifications
Other comments:	<ul> <li>Last T1 SIG#22 meeting some CRs were approved for this section for FDD mode. These changes have been taken in account when needed.</li> <li>(T1S-020138r1, T1S-020154, T1S-020156, T1S-020158r1, T1S-020225)</li> </ul>

#### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: <u>http://www.3gpp.org/3G\_Specs/CRs.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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 Default Message Contents

# 9.1 Default Message Contents for Signalling

This clause contains the default values of common messages, which unless indicated otherwise in specific clauses of TS 34.123-1, shall be transmitted and checked by the system simulator.

In this clause, decimal values are normally used. However, sometimes a hexadecimal value, indicated by an "H", or a binary value, indicated by a "B" is used.

# 9.1.1 Default Message Contents for Signalling (FDD)

Contents of DOWNLINK DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	0
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
CN domain identity	CS domain or PS domain
NAS message	See Specific Message Content for each test case

Contents of INITIAL DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent
- Message authentication code	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.
CN domain identity	CS domain or PS domain
Intra Domain NAS Node Selector	Set to the same octet string as in the IMSI stored in the USIM card
NAS message	Set according to that indicated in specific message content for each test case
Measured results on RACH	Not checked

Contents of PAGING TYPE 1 message: TM (Speech in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Conversational Call
- CN domain identity	CS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

## Contents of PAGING TYPE 1 message: TM (The others of speech in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Streaming Call
- CN domain identity	CS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

# Contents of PAGING TYPE 1 message: TM (Packet in PS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Interactive Call
- CN domain identity	PS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present
Contents of RADIO BEARER SETUP message: AM or UM (Speech in CS)

Information Element	Value/remark
Message Type	
RRC transaction identifier	0
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
- Ciphering mode command	Start/restart
- Cipnering algorithm	
- Cipnering activation time for DPCH	(256+CFN-(CFN MOD 8 + 8))MOD 256
- Radio bearer downlink cipnening activation time	Not Present
Activation time	
New LI-RNTI	Not Present
New C-RNTI	Not Present
BRC State indicator	CELL DCH
UTRAN DRX cycle length coefficient	Not Present
CN information info	Not Present
URA identity	Not Present
Signalling RB information to setup list	Not Present
RAB information for setup list	
- RAB information for setup	
- RAB info	
- RAB identity	0000 0001B
- CN domain identity	CS domain
<ul> <li>NAS Synchronization Indicator</li> </ul>	Not Present
- Re-establishment timer	UseT314
- RB information to setup	10
- RB identity	10 Not Brook at
- PDCP INIO CHOICE BLC info tuno	Rot Present
- CHOICE LIDInk RI C mode	
- Transmission RLC discard	Not Present
- Segmentation indication	FALSE
- CHOICE Downlink RI C mode	TM RI C
- Segmentation indication	FALSE
- RB mapping info	
- Information for each multiplexing option	
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Uplink transport channel type	DCH
- UL Transport channel identity	
- Logical channel identity	Not Present
- CHOICE RLC size list	Configured
- IVIAC logical channel priority	1
- Downlink RLC logical channel info	
- Number of downlink RLC logical channels	
- DUMINING CONSPORT Channel identity	6
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
- RB identity	11
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	TM RLC
- Transmission RLC discard	Not Present
- Segmentation indication	FALSE
- CHOICE Downlink RLC mode	TM RLC

Information Element	Value/remark
- Segmentation indication	FALSE
- RB mapping info	
- Information for each multiplexing option	
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Uplink transport channel type	DCH
- UL Transport channel identity	2
- Logical channel identity	Not Present
- CHOICE RLC size list	Configured
- MAC logical channel priority	1
- Downlink RLC logical channel info	
- Number of downlink RLC logical channels	1
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	7
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
- RB identity	12
- PDCP info	Not Present
- CHOICE RI C info type	RI C info
- CHOICE Uplink RLC mode	TMRIC
- Transmission RLC discard	Not Present
- Segmentation indication	FALSE
- CHOICE Downlink RLC mode	TM RLC
- Segmentation indication	FALSE
- RB mapping info	
- Information for each multiplexing option	
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Uplink transport channel type	DCH
- UL Transport channel identity	3
- Logical channel identity	Not Present
- CHOICE RLC size list	Configured
<ul> <li>MAC logical channel priority</li> </ul>	1
- Downlink RLC logical channel info	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	1
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>	8
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
- Logical channel identity	Not Present
RB information to be affected list	Not Present
Downlink counter synchronisation info	Not Present
UL Transport channel information for all transport	
channels	Net Descent
- PRACH IFCS	Not Present
	FDD Net Breaset
	Not Present
- UL DCH TFC5	Normal
- CHOICE IFCI Signalling	Normai
- IFCI FIELU T IIIIOIIIIdilloII	Complete reconfiguration
TECS complete reconfigure information	Complete reconfiguration
- CHOICE CIFC Size	This IF is repeated for TFC numbers and reference to
- CTFC Information	
CTEC	Potoronoo to TS24 108 clauso 6 10 Poromotor Sot
- Dower offset information	Reference to 1354.100 clause 0.10 Parameter Set
- CHOICE Gain Eactors	Computed Gain Factors/The last TEC is set to Computed
	Gain Factors)
- Gain factor Bc	11 (below 64 kbps)
	9 (higher than 64 kbps)
	(Not Present if the above is set to Computed Gain
	Factors)
- Gain factor 8d	15
	(Not Present if the above is set to Computed Gain
	Factors)
- Reference TFC ID	0
- CHOICE mode	FDD

Information Element	Value/remark
- Power offset P p-m	Not Present
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	3 DCHs
Added or Reconfigured III. TrOLL information	5 00113
- Added of Reconfigured UL TICH Information	
<ul> <li>Uplink transport channel type</li> </ul>	DCH
<ul> <li>UL Transport channel identity</li> </ul>	1
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
Dynamia Transport format information	
- Dynamic Transport format information	
- RLC Size	Reference to 1534.108 clause 6.10 Parameter Set
<ul> <li>Number of TBs and TTI List</li> </ul>	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to TS34.108 clause 6.10 Parameter Set
- CHOICE Logical Channel list	ΔΙ
Somi static Transport Format information	7.01
	Defense to TOOA 400 sloves 0.40 Demonstra Ost
- Transmission time Interval	Reference to 1534.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set
- Rate matching attribute	Reference to TS34.108 clause 6.10 Parameter Set
- CPC size	Reference to TS3/ 108 clause 6 10 Parameter Set
- Oplink transport channel type	
- UL Transport channel identity	2
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	· · · · · · · · · · · · · · · · · · ·
- PLC Size	Reference to TS3/ 108 clause 6 10 Parameter Set
Number of TDe and TTU list	(This IF is reported for TEL number)
- Number of TBS and TTT List	(Inis IE is repeated for IFI number.)
- Transmission Time Interval	Not Present
<ul> <li>Number of Transport blocks</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- Transmission Time Interval	Reference to TS34.108 clause 6.10 Parameter Set
- Number of Transport blocks	(This IF is repeated for TFI number)
- Choice Logical Chaimer list	All
- Semi-static Transport Format Information	
- Transmission time interval	Reference to TS34.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set
- Rate matching attribute	Reference to TS34 108 clause 6 10 Parameter Set
- CRC size	Reference to TS3/ 108 clause 6 10 Parameter Set
- ONO SIZE	
- Oplink transport channel type	
- UL Transport channel identity	3
- TFS	
<ul> <li>CHOICE Transport channel type</li> </ul>	Dedicated transport channels
- Dynamic Transport format information	
- RI C Size	Reference to TS34 108 clause 6 10 Parameter Set
Number of TPs and TTL List	(This IE is reported for TEL number.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to TS34.108 clause 6.10 Parameter Set
- Transmission Time Interval	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Number of Transport blocks</li> </ul>	(This IE is repeated for TFI number.)
- CHOICE Logical Channel list	Â
- Semi-static Transport Format information	
Transmission time interval	Poteranaa ta TS24 109 alauna 6 10 Daramatar Sat
	Reference to 1334.100 clause 0.10 Parameter Set
- Type of channel coding	Reference to 1534.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Rate matching attribute</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- CRC size	Reference to TS34.108 clause 6.10 Parameter Set
CHOICE mode	FDD
	Not Present
Added or Dependiquined TrOLL information for DDAQ	Not Dracont
- Added of Reconfigured Tren information for DRAC	NOLFIESEIIL
list	
DL Transport channel information common for all	
transport channel	
- SCCPCH TECS	Not Present
- CHOICE mode	FDD
	Some on LII
Added or Reconfigured TrCH information list	3 DCHs

Information Element	Value/remark
Added or Reconfigured DL TrCH information	
- Downlink transport channel type	DCH
- DL Transport channel identity	6
- CHOICE DL parameters	Same as UI
- Unlink transport channel type	DCH
	1
DCH quality target	
	6.0
- DLER Quality value	-0.3
- Transparent mode signalling into	Not Present
- Downlink transport channel type	
- DL Transport channel identity	
- CHOICE DL parameters	Same as UL
<ul> <li>Uplink transport channel type</li> </ul>	DCH
- UL TrCH identity	2
<ul> <li>DCH quality target</li> </ul>	
- BLER Quality value	Not Present
<ul> <li>Transparent mode signalling info</li> </ul>	Not Present
- Downlink transport channel type	DCH
- DL Transport channel identity	8
- CHOICE DL parameters	Same as UL
- Uplink transport channel type	DCH
- UL TrCH identity	3
- DCH quality target	
BLEP Quality value	Not Present
Transparent mode signalling info	Not Present
	NOL FIESEIIL
	Deference to cloure 5.4 Test frequencies
	Reference to clause 5.1 Test frequencies
	Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	33dBm
CHOICE channel requirement	Uplink DPCH info
<ul> <li>Uplink DPCH power control info</li> </ul>	
- DPCCH power offset	-6dB
- PC Preamble	1 frame
- SRB delay	7 frames
- Power Control Algorithm	Algorithm1
- TPC step size	1dB
- Scrambling code type	Long
- Scrambling code number	0 (0 to 16777215)
- Number of DPDCH	Not Present(1)
- spreading factor	Reference to TS34.108 clause 6.10 Parameter Set
- TECI existence	Reference to TS34 108 clause 6 10 Parameter Set
- Number of FBI bit	Reference to TS34 108 clause 6 10 Parameter Set
- Puncturing Limit	Reference to TS34 108 clause 6 10 Parameter Set
CHOICE Mode	
	Not Proport
	NULFIESEIIL
- DOWNINK DPCH INTO COMMON FOR All KL	Maintain
	Iviaintain
- CEN-targetSEN trame offset	NOT Present
- Downlink DPCH power control information	
- DPC mode	0 (single)
- CHOICE mode	FDD
- Power offset P <sub>Pilot-DPDCH</sub>	0
<ul> <li>DL rate matching restriction information</li> </ul>	Not Present
- Spreading factor	Reference to TS34.108 clause 6.10 Parameter Set
- Fixed or Flexible Position	Reference to TS34.108 clause 6.10 Parameter Set
- TFCI existence	Reference to TS34.108 clause 6.10 Parameter Set
- CHOICE SF	Reference to TS34.108 clause 6.10 Parameter Set
- DPCH compressed mode info	Not Present
- TX Diversity mode	None
- SSDT information	Not Present
- Default DPCH Offset Value	Not Present
- Delault Di Oli Oliset value Downlink information for oach radio link list	
Downlink information for each radia light	
- Choice mode	טטא
- Primary CPICH info	
- Primary scrambling code	Reference to clause 6.1 "Default settings (FDD)"

Information Element	Value/remark
- PDSCH with SHO DCH info	Not Present
- PDSCH code mapping	Not Present
- Downlink DPCH info for each RL	
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>	Primary CPICH may be used
- DPCH frame offset	0 chips
- Secondary CPICH info	Not Present
- DL channelisation code	
<ul> <li>Secondary scrambling code</li> </ul>	1
- Spreading factor	Reference to TS34.108 clause 6.10 Parameter Set
- Code number	0
- Scrambling code change	No change
- TPC combination index	0
- SSDT Cell Identity	Not Present
<ul> <li>Closed loop timing adjustment mode</li> </ul>	Not Present
<ul> <li>SCCPCH information for FACH</li> </ul>	Not Present

Contents of RADIO BEARER SETUP message: AM or UM (Packet to CELL\_DCH from CELL\_DCH in PS)

Information Element	Value/remark
Message Type	
RRC transaction identifier	0
Integrity check info	The presence of this IF is dependent on IXIT statements
	in TS 34 123-2 If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
- message authentication code	SS calculates the value of MAC-I for this message and
	writes to this IE.
- RRC message sequence number	SS provides the value of this IE. from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
<ul> <li>Ciphering mode command</li> </ul>	Start/restart
- Ciphering algorithm	Use one of the supported ciphering algorithms
<ul> <li>Ciphering activation time for DPCH</li> </ul>	(256+CFN-(CFN MOD 8 + 8))MOD 256
- Radio bearer downlink ciphering activation time	Not Present
info	
Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
New U-RN11	Not Present
New C-RN11	Not Present
KRC State Indicator	GELL_DCH
OTRAN DRX cycle length coefficient	Not Present
	Not Present
Signalling PB information to setup	Not Present
RAB information for setup	Not i lesent
- RAB info	
- RAB identity	0000 0101B
- CN domain identity	PS domain
- NAS Synchronization Indicator	Not Present
- Re-establishment timer	UseT314
- RB information to setup	
- RB identity	20
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	AM RLC
- Transmission RLC discard	
- MAA_DAT Timor MBW	4
- Transmission window size	8
- Timer RST	500
- Max_RST	4
- Polling info	
- Timer_poll_prohibit	200
- Timer_poll	200
- Poll_SDU	1
- Last transmission PDU poll	TRUE
- Last retransmission PDU poll	IRUE
- Poll_Windows	99
- CHOICE DOWNIINK RLC mode	
- III-sequence delivery	
- Downlink RI C status info	0
- Timer status prohibit	200
- Timer EPC	200
- Missing PDU indicator	TRUE
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Uplink transport channel type	DCH

Information Element	Value/remark
- UL Transport channel identity	1
- Logical channel identity	Not Present
	Configured
- MAC logical channel priority	
- Downlink RLC logical channel info	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	1
<ul> <li>Downlink transport channel type</li> </ul>	DCH
- DL DCH Transport channel identity	6
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
- RLC logical channel mapping indicator	Not Present
Number of uplink DLC legical channels	1
- Number of uplink RLC logical channels	
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	7
- CHOICE RLC size list	Explicit List
- RLC size index	Reference to TS34.108 clause 6 Parameter Set
- MAC logical channel priority	6
- Downlink RLC logical channel info	
- Number of downlink PLC logical channels	1
- Number of downlink NEC logical channels	
- Downlink transport channel type	
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
<ul> <li>Logical channel identity</li> </ul>	7
RB information to be affected list	Not Present
Downlink counter synchronisation info	Not Present
UL Transport channel information for all transport	
channels	
	Not Procent
- CHOICE mode	
- IFC subset	Not Present
- UL DCH TFCS	
- CHOICE TFCI signalling	Normal
- TFCI Field 1 information	
- CHOICE TFCS representation	Complete reconfiguration
- TECS complete reconfigure information	, ç
- CHOICE CTEC Size	
- CTEC information	This IF is repeated for TEC numbers and reference to
	TS24 108 clause 6 10
	Deference to TC24 409 clouise C 40 Decementar Cat
	Reference to 1534.108 clause 6.10 Parameter Set
- Power offset information	
- CHOICE Gain Factors	Computed Gain Factors(The last TFC is set to Computed
	Gain Factors)
- Gain factor βc	11 (below 64 kbps)
	9 (higher than 64 kbps)
	(Not Present if the above is set to Computed Gain
	Factors)
- Gain factor ßd	15
	Not Present if the above is set to Computed Cain
	(NOLT TESETLIT THE ADOVE IS SEL TO COMPUTED GAIN
Deference TEO ID	
- Reference IFC ID	U
- CHOICE mode	FDD
- Power offset P p-m	Not Present
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	
- Added or Reconfigured UL TrCH information	
- Uplink transport channel type	DCH
- III Transport channel identity	1
	'
CHOICE Transport shannel trans	Dedicated trapsport channels
- Unuce transport channel type	Dedicated transport channels
- Dynamic Transport format information	
- RLC Size	Reterence to TS34.108 clause 6.10 Parameter Set
- Number of TBs and TTI List	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to TS34.108 clause 6.10 Parameter Set
- CHOICE Logical Channel list	All
- Semi-static Transport Format information	

Information Element	Value/remark
- Transmission time interval	Reference to TS34,108 clause 6,10 Parameter Set
- Type of channel coding	Reference to TS34 108 clause 6 10 Parameter Set
Coding Boto	Peterence to TS24 109 clause 6 10 Parameter Set
- Couling Nate	Reference to TC34.100 clause 0.10 Falameter Set
- Rate matching attribute	Reference to TS34.108 clause 6.10 Parameter Set
- CRC size	Reference to 1S34.108 clause 6.10 Parameter Set
CHOICE mode	FDD
- CPCH set ID	Not Present
<ul> <li>Added or Reconfigured TrCH information for</li> </ul>	Not Present
DRAC list	
DL Transport channel information common for all	
transport channel	
	Not Drocont
- CHOICE mode	FDD
- CHOICE DL parameters	Explicit
- DL DCH TFCS	
- CHOICE TFCI signalling	Normal
- TFCI Field 1 information	
- CHOICE TFCS representation	Complete reconfiguration
- TECS complete reconfigure	<b>3</b>
CTEC information	This IE is repeated for TEC numbers and reference to
	This is repeated for the numbers and reference to
0750	1534.108 clause 6.10
- CIFC	Reference to 1534.108 clause 6.10 Parameter Set
<ul> <li>Power offset information</li> </ul>	
- CHOICE Gain Factors	Computed Gain Factors(The last TFC is set to Computed
	Gain Factors)
- Gain factor βc	11 (below 64 kbps)
	9 (higher than 64 kbps)
	(Not Present if the above is set to Computed Gain
	Eastern)
O sin fa stan O d	Factors)
- Gain factor po	
	(Not Present if the above is set to Computed Gain
	Factors)
- Reference TFC ID	0
- CHOICE mode	FDD
- Power offset P p-m	Not Present
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	
Added or Reconfigured DL TrCH information	
- Added of Reconfigured DL TICH Information	DCH
- Downlink transport channel type	
- DL Transport channel identity	6
- CHOICE DL parameters	Explicit
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	
- RLC Size	Reference to TS34,108 clause 6.10 Parameter Set
- Number of TBs and TTLL ist	(This IF is repeated for TFI number )
- Transmission Time Interval	Not Present
Number of Tropoport blocks	Potoronoo to TC24 100 alguno 6 10 Decomptor Cat
- Number of Transport Diocks	Reference to 1554.100 clause 0.10 Parameter Set
- Semi-static Transport Format Information	
- Transmission time interval	Reference to 1534.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set
- Rate matching attribute	Reference to TS34.108 clause 6.10 Parameter Set
- CRC size	Reference to TS34.108 clause 6.10 Parameter Set
- DCH quality target	
- BLER Quality value	-63
Transport mode signalling info	Not Procent
- mansparent mode signalling into	
- UARECN uplink(Nu)	Reference to clause 5.1 Lest frequencies
- UARFCN downlink(Nd)	Reterence to clause 5.1 Test frequencies
Maximum allowed UL TX power	33dBm
CHOICE channel requirement	Uplink DPCH info
- Uplink DPCH power control info	
- DPCCH power offset	-6dB
- PC Preamble	1 frame
	7 frama
- ORD UEIAY	/ ITAILIES

Information Element	Value/remark
- Power Control Algorithm	Algorithm1
- TPC step size	1dB
- Scrambling code type	Long
- Scrambling code number	0 (0 to 16777215)
- Number of DPDCH	Not Present(1)
- spreading factor	Reference to TS34.108 clause 6.10 Parameter Set
- TFCI existence	Reference to TS34.108 clause 6.10 Parameter Set
- Number of FBI bit	Reference to TS34.108 clause 6.10 Parameter Set
- Puncturing Limit	Reference to TS34.108 clause 6.10 Parameter Set
CHOICE Mode	FDD
- Downlink PDSCH information	Not Present
Downlink information common for all radio links	
- Downlink DPCH info common for all RL	
- Timing indicator	Maintain
- CFN-targetSFN frame offset	Not Present
- Downlink DPCH power control information	
- DPC mode	0 (single)
- CHOICE mode	FDD
- Power offset P <sub>Pilot-DPDCH</sub>	0
- DL rate matching restriction information	Not Present
- Spreading factor	Reference to TS34.108 clause 6.10 Parameter Set
- Fixed or Flexible Position	Reference to TS34.108 clause 6.10 Parameter Set
- TFCI existence	Reference to TS34.108 clause 6.10 Parameter Set
- CHOICE SF	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>DPCH compressed mode info</li> </ul>	Not Present
- TX Diversity mode	None
- SSDT information	Not Present
<ul> <li>Default DPCH Offset Value</li> </ul>	Not Present
Downlink information for each radio link list	
<ul> <li>Downlink information for each radio link</li> </ul>	
- Choice mode	FDD
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	Reference to clause 6.1 "Default settings (FDD)"
- PDSCH with SHO DCH info	Not Present
<ul> <li>PDSCH code mapping</li> </ul>	Not Present
<ul> <li>Downlink DPCH info for each RL</li> </ul>	
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>	Primary CPICH may be used
- DPCH frame offset	0 chips
- Secondary CPICH info	Not Present
- DL channelisation code	
<ul> <li>Secondary scrambling code</li> </ul>	1
- Spreading factor	Reference to TS34.108 clause 6.10 Parameter Set
- Code number	0
- Scrambling code change	No change
- TPC combination index	0
- SSDT Cell Identity	Not Present
<ul> <li>Closed loop timing adjustment mode</li> </ul>	Not Present
<ul> <li>SCCPCH information for FACH</li> </ul>	Not Present

# Contents of RADIO BEARER SETUP COMPLETE message: AM

Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
	the downlink RADIO BEARER SETUP message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	Its as stated below. Else, this It and the sub-Its shall be absent.
- Message authentication code	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used
	by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked.
CHOICE mode	FDD
START	Not checked
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM and
	(b) UE is transiting to CELL_DCH state after the RB
	establishment procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	If cipnering is not activated in RADIO BEARER SETUP
	for the process of estivation times of all sinkered unlink
	PLC LIM and PLC AM PRo
	Net checked

# Contents of RADIO BEARER RELEASE COMPLETE message: AM

Message Type	
RRC transaction identifier	Checked to see the value is identical to the same IE in the downlink RADIO BEARER RELEASE message
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent.
- Message authentication code	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked.
CHOICE mode	FDD
COUNT-C activation time	The presence of this IE depends on the following 2
Radio bearer uplink ciphering activation time info	factors: (a) There exists RB(s) mapped to RLC-TM and (b) UE is transiting to CELL_DCH state after the RB release procedure. Else, this IE is absent. If ciphering is not activated in RADIO BEARER RELEASE message, this IE must be absent. Else, SS checks this IE for the presence of activation times of all ciphered uplink
Uplink counter synchronisation info	Not checked

## Contents of RRC CONNECTION REQUEST message: TM

Information Element	Value/remark
Message Type	
Initial UE identity	
- CHOICE UE id type	
- IMSI (GSM-MAP)	Set to the UE's IMSI (GSM-MAP) or TMSI.
Establishment cause	To be checked against requirement if specified
Protocol error indicator	FALSE
Measured results on RACH	Not checked

## Contents of RRC CONNECTION RELEASE message: UM

Information Element	Value/remark
Message Type	
U-RNTI	This IE is set to the following value when the message is
	transmitted on the CCCH. When transmitted on DCCH,
	this is absent.
- SRNC identity	0000 0000 0001B
- S-RNTI	0000 0000 0000 0000 0001B
RRC transaction identifier	0
Integrity check info	The presence of this IE depends on 2 factors:
	(a) IXIT statements in TS 34.123-2: If integrity protection
	is indicated to be active, this IE is present with the
	values of the sub IEs as stated below. Else, this IE and
	the sub-IEs are omitted.
	(b) This IE is present when this message is transmitted on
	downlink DCCH. Else, this IE and the sub-IEs are omitted.
- Message authentication code	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
N308	2 (for CELL_DCH state). Not Present (for UE in other
	connected mode states).
Release cause	Normal event
Rplmn information	Not Present

## Contents of RRC CONNECTION RELEASE COMPLETE message: AM or UM

Information Element	Semantics description
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the value of the same IE transmitted in the downlink RRC CONNECTION RELEASE message.
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent.
- Message authentication code	Checked to see if it's identical to the value of XMAC-I calculated by the SS
- RRC Message sequence number	Checked to see if it is present. This number is used by the SS to compute the XMAC-I
Error indication	Not checked

Contents of RRC CONNECTION SETUP message: UM (Transition to CELL\_DCH)

Information Element	Value/remark
Message Type	
Initial UE identity	Select the same identity as in the IF "Initial UF Identity" in
	received RRC CONNECTION REQUEST" message
RRC transaction identifier	
Activation time	Not Present(Now)
New U-RNTI	
- SRNC identity	0000 0000 0001B
- S-RNTI	0000 0000 0000 0000 0001B
New C-RNTI	0000 0000 0000 0001B
RRC State Indicator	CELL DCH
UTRAN DRX cycle length coefficient	9
Capability update requirement	Not Present
Signalling RB information to setup	(UM DCCH for RRC)
- RB identity	1
- CHOICE RLC info type	
- RLC info	
- CHOICE Uplink RLC mode	UM RLC
- Transmission RLC discard	
- SDU discard mode	Timer based no explicit
- Timer discard	50
- CHOICE Downlink RLC mode	UM RLC
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	1
- Uplink transport channel type	DCH
- UL Transport channel identity	5
- Logical channel identity	1
- CHOICE RLC size list	Configured
- MAC logical channel priority	1
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	10
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
- Logical channel identity	1
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of RLC logical channels</li> </ul>	1
<ul> <li>Uplink transport channel type</li> </ul>	RACH
<ul> <li>UL Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	1
- CHOICE RLC size list	Explicit List
- RLC size index	Reference to TS34.108 clause 6 Parameter Set
<ul> <li>MAC logical channel priority</li> </ul>	2
- Downlink RLC logical channel info	
- Number of RLC logical channels	
- Downlink transport channel type	FACH
<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	
Signalling RB information to setup	(AM DCCH for RRC)
- RB identity	2
- CHOICE RLC Into type	
- UNULE UPIINK KLU MODE	
- Iransmission KLU discard	Max DAT retransmissions
- IVIAA_DAT	4 100
	-+ 0
- Hansinission window size	0 500
	4
- Fulling Iniu Timor poll probibit	200
	200

Information Element	Value/remark
- Timer poll	200
- Poll SDU	1
- Last transmission PDU poll	TRUE
- Last retransmission PDL poll	TPLIE
Poll Windows	
- FOIL_WINDOWS	
- CHOICE Downlink RLC mode	
- In-sequence delivery	IRUE
<ul> <li>Receiving window size</li> </ul>	8
<ul> <li>Downlink RLC status info</li> </ul>	
- Timer_status_prohibit	200
- Timer_EPC	200
<ul> <li>Missing PDU indicator</li> </ul>	TRUE
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RI C logical channel mapping indicator	Not Present
- Number of RLC logical channels	1
- Unlink transport channel type	рсн
- Opinik transport channel identity	5
- OL Transport channel identity	5
- CHOICE RLC size list	Configured
- MAC logical channel priority	2
<ul> <li>Downlink RLC logical channel info</li> </ul>	
<ul> <li>Number of RLC logical channels</li> </ul>	1
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>	10
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	2
- RLC logical channel mapping indicator	- Not Present
- Number of RI C logical channels	1
- Unlink transport channel type	РАСН
	Not Present
	Z Evolicit Lict
	Explicit List Deference to TC24 400 eleves C Decementar Cat
- RLC size index	Reference to 1534.108 clause 6 Parameter Set
- MAC logical channel priority	3
- Downlink RLC logical channel into	
<ul> <li>Number of RLC logical channels</li> </ul>	1
<ul> <li>Downlink transport channel type</li> </ul>	FACH
<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	2
Signalling RB information to setup	(AM DCCH for NAS_DT High priority)
- RB identity	3
- CHOICE RLC info type	
- RLC info	
- CHOICE Uplink RLC mode	AM RLC
- Transmission RLC discard	
- SDU discard mode	Max DAT retransmissions
- MAX DAT	4
- Timer MRW	100
- MaxMRW	
- Transmission window size	
Timer DST	5
	4
- WidX_NOT	4
- Polling Into	200
	200
- Last transmission PDU poll	
- Last retransmission PDU poll	
- Poll_Windows	99
- CHOICE Downlink RLC mode	AMRLC
- In-sequence delivery	TRUE
- Receiving window size	8
- Downlink RLC status info	
- Timer_status_prohibit	200
- Timer_EPC	200

Information Element	Value/remark
- Missing PDU indicator	TRUE
- RB mapping info	
- Ito mapping into	0 DDM/w/Onfine
- Information for each multiplexing option	2 RBMuxOptions
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of RLC logical channels</li> </ul>	1
- Unlink transport channel type	DCH
LIL Transport channel identity	5
- OL Transport channel identity	5
- Logical channel identity	3
- CHOICE RLC size list	Configured
- MAC logical channel priority	3
Downlink PLC logical channel info	
- Number of RLC logical channels	1
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>	10
- DL DSCH Transport channel identity	Not Present
	2
	3
- RLC logical channel mapping indicator	Not Present
<ul> <li>Number of RLC logical channels</li> </ul>	1
- Uplink transport channel type	RACH
- III Transport channel identity	Not Present
	10011100011 0
- Logical channel identity	3
- CHOICE RLC size list	Explicit List
- RLC size index	Reference to TS34.108 clause 6 Parameter Set
- MAC logical channel priority	4
Downlink PLC logical channel info	
- Number of RLC logical channels	1
<ul> <li>Downlink transport channel type</li> </ul>	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
- DE DOOIT Hansport channel identity	Not Tresent
- Logical channel identity	3
Signalling RB information to setup	(AM DCCH for NAS_DT Low priority)
- RB identity	4
- CHOICE RI C info type	
BLC info	
- CHOICE Uplink RLC mode	AMIRLC
- Transmission RLC discard	
- SDU discard mode	Max DAT retransmissions
- MAX DAT	4
	400
- Timer_INRVV	100
- MaxMRW	4
<ul> <li>Transmission window size</li> </ul>	8
- Timer RST	500
- Max RST	1
	т Т
- Polling into	
- Timer_poll_prohibit	200
- Timer_poll	200
- Poll SDU	1
- Last transmission PDLL poll	TRUE
- Last retransmission PDU poli	IRUE
- Poll_Windows	99
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	8
- Downlink RLC status info	
- Timer_status_prohibit	200
- Timer EPC	200
- Missing PDI Lindicator	TRUE
- Missing i Do malatol	
<ul> <li>Information for each multiplexing option</li> </ul>	2 RBMuxOptions
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of RLC logical channels	1
- Unlink transport channel type	рсн
- UL Transport channel identity	0
<ul> <li>Logical channel identity</li> </ul>	4
- CHOICE RLC size list	Configured
- MAC logical channel priority	4
Downlink PLC logical channel info	· · · · · · · · · · · · · · · · · · ·
	I I

Information Element	Value/remark
- Number of RLC logical channels	1
- Downlink transport channel type	ЛСН
- DL DCH Transport channel identity	10
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
- Logical channel identity	4
- RLC logical channel manning indicator	Not Present
- Newsham of DLO la sized abase als	
- Number of RLC logical channels	
<ul> <li>Uplink transport channel type</li> </ul>	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	1
- CHOICE RLC size list	Explicit List
- RLC size index	Reference to TS34.108 clause 6 Parameter Set
- MAC logical channel priority	5
Downlink PLC logical channel info	
- Number of RLC logical channels	
<ul> <li>Downlink transport channel type</li> </ul>	FACH
- DL DCH Transport channel identity	Not Present
DL DSCH Transport channel identity	Not Procent
- Logical channel identity	4
UL Transport channel information for all transport	
channels	
- PRACH TECS	Not Present
- IFC subset	Not Present
- UL DCH TFCS	
- CHOICE TFCI signalling	Normal
TECL Field 1 information	
- CHOICE TFCS representation	Addition
<ul> <li>TFCS complete reconfigure</li> </ul>	
- CHOICE CTFC Size	2bit CTFC
- CTEC information	This IF is repeated for TEC numbers and reference to
0750	1534.106 clause 6.10
- CTFC	Reference to 1534.108 clause 6.10 Parameter Set
<ul> <li>Power offset information</li> </ul>	
- CHOICE Gain Factors	Computed Gain Factors(The last TFC is set to Computed
	Gain Factors)
Cain factor Da	(14 (helew C4 khee)
- Gain factor isc	11 (Delow 64 KDps)
	9 (higher than 64 kbps)
	(Not Present if the above is set to Computed Gain Factors)
- Gain factor Rd	15
Carriadior isa	(Not Dropont if the above is not to Computed Cain Eastern)
- Reference TFC ID	0
- CHOICE mode	FDD
- Power offset Pp-m	Not Present
Added or Reconfigured LIL TrCH information	
	DOLL
- Uplink transport channel type	
<ul> <li>UL Transport channel identity</li> </ul>	5
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	
	Defense to slave 0.40 Demonster Oct
- KLU SIZE	Reference to clause 6.10 Parameter Set
<ul> <li>Number of TBs and TTI lists</li> </ul>	(This IE is repeated for TFI number)
- Transmission Time Interval	Reference to TS34.108 clause 6.10 Parameter Set
- Number of Transport blocks	Reference to TS34 108 clause 6 10 Parameter Set
- Semi-static Transport Format information	
<ul> <li>Transmission time interval</li> </ul>	Reference to clause 6.10 Parameter Set
- Type of channel coding	Reference to clause 6.10 Parameter Set
- Coding Rate	Reference to clause 6.10 Parameter Set
Data matching attribute	Peteronoo to olougo 6.10 Peremeter Set
- Rate matching attribute	Reference to clause o. TO Parameter Set
- CRC size	Reference to clause 6.10 Parameter Set
DL Transport channel information common for all	
transport channel	
- SCOPCH TEOS	Not Present
- CHOICE DL parameters	Same as UL
Added or Reconfigured DL TrCH information	
	•

Information Element	Value/remark
- Downlink transport channel type	DCH
- DL Transport channel identity	10
- CHOICE DL parameters	Same as UL
- Uplink transport channel type	DCH
- UL TrCH Identity	5
- DCH quality target	
- BLER Quality value	-6.3
- Transparent mode signalling info	Not Present
Frequency info	
- UARFCN uplink(Nu)	Reference to clause 5.1 Test frequencies
- UARFCN downlink(Nd)	Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	33dBm
Uplink DPCH info	
- Uplink DPCH power control info	
- DPCCH power offset	-6dB
- PC Preamble	1 frame
- SRB delay	7 frames
- Power Control Algorithm	Algorithm1
- IPC step size	1dB
- Scrambling code type	
- Scrampling code number	U (U t0 16///215)
- Number of DPDCH	Not Present(1)
- Spreading ractor	Reference to 1534.108 clause 6.10 Parameter Set
- IFCI existence	Reference to 1534.108 clause 6.10 Parameter Set
- Number of FBI bit	Reference to 1534.108 clause 6.10 Parameter Set
- Puncturing Limit Downlink information common for all radio linka	Reference to 1534.106 clause 6.10 Parameter Set
Downlink Information common for all PL	
- Downlink DFCITIIIIO continuition all KL	Initializa
CEN targetSEN frame offect	
- CHOICE mode	
- Downlink DPCH power control information	
- DPC mode	() (single)
- Power offset P Bildt DBDCH	
- DL rate matching restriction information	Not Present
- Spreading factor	Reference to TS34,108 clause 6,10 Parameter Set
- Fixed or Flexible Position	Reference to TS34.108 clause 6.10 Parameter Set
- TFCI existence	Reference to TS34.108 clause 6.10 Parameter Set
- CHOICE SF	Reference to TS34.108 clause 6.10 Parameter Set
- DPCH compressed mode info	Not Present
- TX Diversity mode	None
- SSDT information	Not Present
- Default DPCH Offset Value	0
Downlink information for each radio links list	
- Downlink information for each radio links	
- CHOICE mode	FDD
- Primary CPICH info	
- Primary scrambling code	Reference to clause 6.1 "Default settings (FDD)"
- PDSCH with SHO DCH info	Not Present
- PDSCH code mapping	Not Present
- Downlink DPCH info for each RL	
- Primary CPICH usage for channel estimation	Primary CPICH may be used
- DPCH trame offset	U chips
- Secondary CPICH into	NOT Present
- DL channelisation code	4
- Secondary scrampling code	Deference to elever 6.40 Decementer Ort
- Spreading ractor	Reference to clause 6.10 Parameter Set
- Code number	
- Scrambling code change	
- TPC combination index	U Not Procent
- Closed loop timing adjustment mode	Not Present
- Closed loop unning adjustment mode	Not Present

Contents of RRC CONNECTION SETUP COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the
	value of the same IE transmitted in the downlink RRC
	CONNECTION SETUP message.
START list	Not checked
UE radio access capability	Not checked
UE radio access capability extension	Not checked
UE system specific capability	Not checked

# Contents of SECURITY MODE COMMAND message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	
- Message authentication code	Set to an arbitrarily selected 32-bits integer
- RRC Message Sequence Number	Set to an arbitrarily selected integer between 0 and 15
Security capability	
<ul> <li>Ciphering algorithm capability</li> </ul>	
- UEA0	If ciphering is not indicated to be active on IXIT
	statements in TS 34.123-2, set this IE to TRUE.
- UEA1	If ciphering is indicated to be active on IXIT statements in
	TS 34.123-2, set this IE to TRUE.
- Spare	FALSE
<ul> <li>Integrity protection algorithm capability</li> </ul>	000000000000010B (UIA1)
- UIA1	TRUE
- Spare	FALSE
Ciphering mode info	This presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
- Ciphering mode command	Start/restart
- Ciphering algorithm	Use the same ciphering algorithm specified in "ciphering
	algorithm capability" IE in this message.
- Ciphering activation time for DPCH	Not Present
- Radio bearer downlink ciphering activation time	
Info De die lagenen getigetien tiere	
- Radio bearer activation time	
- RB identity	Current DLC CN 2
- RLC sequence number	Current RLC SN+2
- RD Identity	Current PLC SNL2
- RE identity	
- RLC sequence number	Current RLC SN + 2
- RB identity	4
- RI C sequence number	Current RLC SN + 2
Integrity protection mode info	The presence of this IF is dependent on IXIT statements
	in TS 34 123-32. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
- Integrity protection mode command	Start
- Downlink integrity protection activation info	Not Present
- Integrity protection algorithm	UIA1
- Integrity protection initialisation number	SS selects an arbitrary 32 bits number for FRESH
CN domain identity	Supported domain
UE system specific security capability	Not Checked

Contents of SECURITY MODE COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the
	value of the same IE transmitted in the downlink
	SECURITY MODE COMMAND message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in 1S 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IES as stated below. Else, this IE and the sub-IES shall be
Magazara authentiantian anda	absent. This IE is shocked to see if it is present. The value is
- Message authentication code	compared against the XMAC Lyalue computed by SS
- RRC Message sequence number	This IF is checked to see if it is present. The value is used
	by SS to compute the XMAC-I value
Uplink integrity protection activation info	Not checked.
Radio bearer uplink ciphering activation time info	If ciphering is not activated in SECURITY MODE
	COMMAND message, this IE must be absent. Else, SS
	checks this IE for the presence of activation times for all
	ciphered uplink RLC-UM and RLC-AM RBs.

#### Contents of UPLINK DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent.
- Message authentication code	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.
CN domain identity	Checked to see if set to supported CN domain as specified in the IXIT statements
NAS message	Set according to that indicated in specific message content clause
Measured results on RACH	Not checked

# 9.1.2 Default Message Contents for Signalling (TDD)

#### Contents of DOWNLINK DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	<u>0</u>
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
CN domain identity	CS domain or PS domain
NAS message	See Specific Message Content for each test case

## Contents of INITIAL DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is used
	by SS to compute the XMAC-I value.
CN domain identity	CS domain or PS domain
Intra Domain NAS Node Selector	Set to the same octet string as in the IMSI stored in the
	USIM card
NAS message	Set according to that indicated in specific message
	content for each test case
Measured results on RACH	Not checked

### Contents of PAGING TYPE 1 message: TM (Speech in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	<u>CN identity</u>
- Paging cause	Terminating Conversational Call
- CN domain identity	<u>CS domain</u>
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

#### Contents of PAGING TYPE 1 message: TM (The others of speech in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	<u>CN identity</u>
- Paging cause	Terminating Streaming Call
<ul> <li>- CN domain identity</li> </ul>	<u>CS domain</u>
- CHOICE UE identity	
<u>– IMSI (GSM-MAP)</u>	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

#### Contents of PAGING TYPE 1 message: TM (Packet in PS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	<u>CN identity</u>
- Paging cause	Terminating Interactive Call
<ul> <li>- CN domain identity</li> </ul>	PS domain
- CHOICE UE identity	
<u>– IMSI (GSM-MAP)</u>	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

# Contents of RADIO BEARER SETUP message: AM or UM (Speech in CS)

Information Element	Value/remark
Message Type	
RRC transaction identifier	0
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
550	writes to this IE.
- RRC message sequence number	SS provides the value of this IE, from its internal counter.
Ciphoring mode info	<u>Not Present</u> The presence of this IE is dependent on IVIT statements
	in TS 34 123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
- Ciphering mode command	Start/restart
- Ciphering algorithm	Use one of the supported ciphering algorithms
<ul> <li>Ciphering activation time for DPCH</li> </ul>	(256+CFN-(CFN MOD 8 + 8))MOD 256
<ul> <li>Radio bearer downlink ciphering activation time</li> </ul>	Not Present
into into	
Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
New C PNTI	Not Present
	Not Present
RRC State indicator	CELL DCH
UTRAN DRX cycle length coefficient	Not Present
CN information info	Not Present
URA identity	Not Present
Signalling RB information to setup list	Not Present
RAB information for setup list	
- RAB information for setup	
<u> </u>	0000 0001B
<u> </u>	CS domain
- UN domain identity - NAS Synchronization Indicator	Not Present
- Re-establishment timer	UseT314
- RB information to setup	
- RB identity	<u>10</u>
- PDCP info	Not Present
- CHOICE RLC info type	<u>RLC info</u>
- CHOICE Uplink RLC mode	TMRLC
- Transmission RLC discard	Not Present
- CHOICE Downlink RLC mode	
- Segmentation indication	FALSE
- RB mapping info	
- Information for each multiplexing option	
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	<u>1</u>
<ul> <li>Uplink transport channel type</li> </ul>	DCH
- UL Transport channel identity	1 Not Present
	Not Present
- CHOICE RLC SIZE IIST	
- Downlink RI C logical channel info	±
- Number of downlink RLC logical channels	1
- Downlink transport channel type	<u>БСН</u>
<ul> <li>DL DCH Transport channel identity</li> </ul>	<u>6</u>
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
Logical channel identity	Not Present
- RB identity	11 Not Descent
	NOT Present
- CHOICE KLU INTO TYPE	
- Transmission RLC discard	Not Present
- Segmentation indication	FALSE

Information Element	Value/remark
- CHOICE Downlink RI C mode	TM RI C
- Segmentation indication	FALSE
PR manping info	
Information for each multipleving option	
- Information for each multiplexing option	Not Descent
- RLC logical channel mapping indicator	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
<ul> <li>Uplink transport channel type</li> </ul>	DCH
<ul> <li>UL Transport channel identity</li> </ul>	2
- Logical channel identity	Not Present
- CHOICE RLC size list	Configured
- MAC logical channel priority	1
Downlink PLC logical channel info	±
Number of downlink PLC logical channels	1
<u>- Downlink transport channel type</u>	
- DL DCH Transport channel identity	$\frac{l}{l}$
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	Not Present
- RB identity	12
- PDCP info	Not Present
- CHOICE BLC info type	RLC info
- CHOICE Unlink RLC mode	TM BLC
	Not Present
- Transmission RLC discalu	
- Segmentation Indication	FALSE
- CHOICE Downlink RLC mode	<u>IM RLC</u>
<ul> <li>Segmentation indication</li> </ul>	FALSE
- RB mapping info	
<ul> <li>Information for each multiplexing option</li> </ul>	
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Unlink transport channel type	рсн
LIL Transport channel identity	
	<u>D</u> Not Drocort
	Not Present
- CHOICE RLC size list	Configured
<ul> <li>MAC logical channel priority</li> </ul>	1
<ul> <li>Downlink RLC logical channel info</li> </ul>	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	1
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	8
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
PR information to be affected list	Not Present
ND Information to be anected list	Not Present
Downlink counter synchronisation into	<u>Not Present</u>
UL Transport channel information for all transport	
channels	
<u> </u>	Not Present
- CHOICE mode	TDD
-Individual UL CCTrCH information	
- TFCS ID	(This IE is repeated for TFC number.)
- Allowed Transport Format combination	0 to MaxTFCvalue-1 (MaxTFCValue is refer to
	TS34 108 clause 6 Parameter Set )
- PRACH TECS	(This IE is repeated for TEC number.)
	Normal
	inomai
- IFCI Field Tinformation	
- IFCS complete reconfigure information	
- CHOICE TFCS Size	Number of used bits must be enough to cover
	all combinations of CTFC from clauses 6.
	Refer to TS34.108 clause 6 Parameter Set
- CTFC information	Not Present
- CHOICE mode	TDD
- Individual UL CCTrCH information	Not Present
Deleted TrCH information list	Not Present
Added or Deconfigured TrOLI information list	
- Added or Reconfigured UL TrCH Information	2011
<ul> <li>Uplink transport channel type</li> </ul>	DCH
<ul> <li>UL Transport channel identity</li> </ul>	<u>1</u>
<u>- TFS</u>	
- CHOICE Transport channel type	Dedicated transport channels

Information Element	Value/remark
- Dynamic Transport format information	
- RLC Size	Reference to TS34.108 clause 6.10 Parameter Set
- Number of TBs and TTLL ist	(This IF is repeated for TEL number.)
- Transmission Time Interval	Not Present
Number of Transport blooks	Deference to TC24 109 clause 6 10 Decemeter Set
- Number of Transport blocks	Reference to 1534.108 clause 6.10 Parameter Set
- CHOICE Logical Channel list	All
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	Reference to TS34.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34,108 clause 6,10 Parameter Set
- Coding Rate	Reference to TS34 108 clause 6 10 Parameter Set
- Pate matching attribute	Reference to TS34 108 clause 6 10 Parameter Set
	Deference to TC24.100 clause 0.10 Parameter Set
<u> </u>	Reference to 1534.108 clause 6.10 Parameter Set
- Uplink transport channel type	DCH
<ul> <li>UL Transport channel identity</li> </ul>	2
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	
	Poteranaa ta TS24 109 alaura 6 10 Daramatar Sat
	Reference to 1534.100 clause 6.10 Parameter Set
- Number of TBs and TTT List	(This IE is repeated for TFI number.)
<ul> <li>Transmission Time Interval</li> </ul>	Not Present
<ul> <li>Number of Transport blocks</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- Transmission Time Interval	Reference to TS34.108 clause 6.10 Parameter Set
- Number of Transport blocks	(This IE is repeated for TEL number )
- Semi-static Transport Format Information	
- Transmission time interval	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Type of channel coding</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set
- Rate matching attribute	Reference to TS34 108 clause 6 10 Parameter Set
- CPC size	Reference to TS34 108 clause 6 10 Parameter Set
Liplink transport channel type	DOL
- Opink transport channel type	
- UL Transport channel identity	<u>3</u>
<u>- TFS</u>	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	
- RLC Size	Reference to TS34 108 clause 6 10 Parameter Set
- Number of TBs and TTL List	(This IE is repeated for TEL number.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to 1S34.108 clause 6.10 Parameter Set
- Transmission Time Interval	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Number of Transport blocks</li> </ul>	(This IE is repeated for TFI number.)
- CHOICE Logical Channel list	All
- Semi-static Transport Format information	<u></u>
	Poteranaa ta TS24 109 alaura 6 10 Daramatar Sat
	Reference to 1534.100 clause 0.10 Parameter Set
- Type of channel coding	Reference to 1534.108 clause 6.10 Parameter Set
- Coding Rate	Reterence to 1S34.108 clause 6.10 Parameter Set
<ul> <li>Rate matching attribute</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- CRC size	Reference to TS34.108 clause 6.10 Parameter Set
CHOICE mode	TDD (no data)
DL Transport channel information common for all	
transport channel	
<u>- SUCPUH TEUS</u>	Not Present
<u>- CHOICE mode</u>	TDD
- CHOICE DL parameters	Same as UL
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	3 DCHs
Added or Reconfigured DL TrCH information	
Downlink transport observed time	DCH
- Downlink transport channel type	
- DL Transport channel identity	<u>6</u>
- CHOICE DL parameters	Same as UL
- Uplink transport channel type	DCH
- UL TrCH identity	1
- DCH quality target	÷
	6.2
<ul> <li>I ransparent mode signalling info</li> </ul>	NOT Present
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li><u>DL Transport channel identity</u></li> </ul>	<u>7</u>

Information Element	Value/remark
- CHOICE DL parameters	Same as UL
- Unlink transport channel type	DCH
	2
	<u> </u>
<u>- DCH quality target</u>	
- BLER Quality value	Not Present
<ul> <li>Transparent mode signalling info</li> </ul>	Not Present
<ul> <li>Downlink transport channel type</li> </ul>	DCH
- DL Transport channel identity	8
- CHOICE DL parameters	Same as UL
- Uplink transport channel type	DCH
- UL TrCH identity	3
DCH quality target	
	Net Dresent
- BLER Quality value	Not Present
<ul> <li>I ransparent mode signalling info</li> </ul>	Not Present
Frequency info	
- UARFCN Nt)	Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	30dBm
CHOICE channel requirement	Uplink DPCH info
- Uplink DPCH power control info	
DRCCH power offect	EdD
<u> </u>	
<u>- PC Preamble</u>	
<u>- SRB delay</u>	<u>7 frames</u>
- Power Control Algorithm	<u>Algorithm1</u>
- TPC step size	<u>1dB</u>
CHOICE Mode	TDD (no data)
Downlink information common for all radio links	
- Downlink DPCH info common for all RI	
- Timing indicator	Maintain
	Not Present
- CFN-talgetSFN frame offset	<u>Not Present</u>
- DOWNLINK DPCH power control information	
<u> </u>	<u>0 (single)</u>
<u>- CHOICE mode</u>	TDD (no data)
<ul> <li>Default DPCH Offset Value</li> </ul>	Not Present
Downlink information for each radio link list	
- Downlink information for each radio link	
- Choice mode	חחד
- Primary CCPCH info	
	Suma Coop 1
	Sync Case 1
- limeslot	PCCPCH timeslot
- Cell parameters ID	<u>0</u>
- SCTD indicator	
<ul> <li>Downlink DPCH info for each RL</li> </ul>	
- CHOICE mode	TDD
- DL CCTrCH List	
- TECS ID	1
- Time info	<u>–</u>
- Activation time	$(256 \pm CENL/CENL mod 9 \pm 9))$ mod 256
	$\frac{1200 \pm 01 + 101 + 100 + 0}{100 \pm 0}$
<u> </u>	
	D (
- 2nd interleaving mode	Reference to TS34.108
- TFCI coding	TRUE
- Puncturing limit	Reference to TS34.108 clause 6 Parameter set
- Repetition period	1
- Repetition length	Empty
- Downlink DPCH timeslots and codes	
- Individual timeslot info	
- Timoclet number	The number of a downlink timeslet that has
TEOL	
- IFCI existence	IKUE
- Midamble shift and burst type	
-CHOICE Burst Type	
-Type 1	
-Midamble Allocation Mode	Default
- Midamble configuration burst	As defined in 3GPP TS 25.221
type 1 and 3	
- First timeslot channelisation codes	
- First channelisation code	(i/SE) where i is the lowest numbered code

Information Element	Value/remark
	that is being assigned and SF is specified in
	TS34.108 clause 6 Parameter Set
<ul> <li>Last channelisation code</li> </ul>	(j/SF) where j is the highest numbered code
	that is being assigned in the slot.
- Bitmap	Bitmap of the codes that are being assigned in
	the slot.
- CHOICE more timeslots	The presence of this IE depends upon whether
	the requirements of TS34.108 clause 6
	Parameter Set could be met by the codes that
	have been assigned in the first timeslot
- UL CCTrCH TPC List	Not Present
-SCCPCH information for FACH	Not Present

# Contents of RADIO BEARER SETUP message: AM or UM (Packet to CELL\_DCH from CELL\_DCH in PS)

Information Element	Value/remark
Message Type	
RRC transaction identifier	<u>0</u>
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
<ul> <li>Ciphering mode command</li> </ul>	<u>Start/restart</u>
<u>Ciphering algorithm</u>	Use one of the supported ciphering algorithms
<u>Ciphering activation time for DPCH</u>	(256+CFN-(CFN MOD 8 + 8))MOD 256
<ul> <li>Radio bearer downlink ciphering activation time</li> </ul>	Not Present
<u>info</u>	
Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
New U-RNII	Not Present
	Not Present
New DSCH-RNTI	Not Present

Information Element	Value/remark
RRC State indicator	CELL DCH
UTRAN DRX cycle length coefficient	Not Present
CN information info	Not Present
	Not Present
Signalling PB information to setup	Not Present
BAR information for acture	Not resent
RAD Information for Setup	
- RAB INIO	
<u>- RAB identity</u>	<u>0000 0101B</u>
- CN domain identity	PS domain
<ul> <li>- NAS Synchronization Indicator</li> </ul>	Not Present
- Re-establishment timer	<u>UseT314</u>
- RB information to setup	
- RB identity	20
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RI C mode	AMRIC
- Transmission RI C discard	<u>/////////////////////////////////////</u>
- SDLL discard mode	Max DAT retransmissions
	4
	100
	4
- I ransmission window size	8
- Timer_RST	<u>500</u>
<u>- Max_RST</u>	<u>4</u>
<u> </u>	
<u> </u>	<u>200</u>
- Timer_poll	<u>200</u>
- Poll_SDU	1
- Last transmission PDU poll	TRUE
- Last retransmission PDU poll	TRUE
- Poll Windows	99
- Timer, poll, periodic	Not Present
- CHOICE Downlink BLC mode	AMRIC
- In-sequence delivery	TRUE
- Receiving window size	8
- Downlink PLC status info	<u> </u>
Timor status prohibit	200
Timor EPC	200
<u> </u>	
	IRUE Net Dresent
- Timer_STATUS_periodic	<u>Not Present</u>
- RB mapping into	
- Information for each multiplexing option	2 RBMUXOptions
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	
- Uplink transport channel type	DCH
<ul> <li>UL Transport channel identity</li> </ul>	1
<ul> <li>Logical channel identity</li> </ul>	Not Present
- CHOICE RLC size list	Contigured
<ul> <li>MAC logical channel priority</li> </ul>	<u>1</u>
<ul> <li><u>- Downlink RLC logical channel info</u></li> </ul>	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	<u>1</u>
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	6
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Unlink transport channel type	<b>B</b> ACH
- III Transport channel identity	Not Present
- Logical channel identity	7
- CHOICE RI C size list	<u>r</u> Explicit List
	Potoronoo to TS24 109 clouce 6 Decemptor Set
MAC logical channel priority	Reference to 1004.100 Clause o Parameter Set
- IVIAC logical channel priority	<u>v</u>
- Downlink RLC logical channel Info	
- INUMDER OF GOWNLINK RLC logical channels	
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present

Information Element	Value/remark
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	7
RB information to be affected list	Not Present
Downlink counter avechronication info	Not Present
Downink counter synchronisation for all transport	<u>Not Present</u>
<u>OL Transport channel information for all transport</u>	
<u>channels</u>	
<u> </u>	Not Present
- CHOICE mode	TDD
-Individual UL CCTrCH information	
- TFCS ID	(This IE is repeated for TFC number.)
- Allowed Transport Format combination	0 to MaxTFCvalue-1 (MaxTFCValue is refer to
	TS34,108 clause 6 Parameter Set.)
- PRACH TECS	(This IE is repeated for TEC number)
- CHOICE TECI signalling	Normal
- TECL Field 1 information	
- TFCS complete reconligure information	
- CHOICE TECS Size	Number of used bits must be enough to cover
	all combinations of CTFC from clauses 6.
	Refer to TS34.108 clause 6 Parameter Set
- CTFC information	Not Present
- CHOICE mode	TDD
- Individual UL CCTrCH information	Not Present
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	
- Added or Reconfigured III. TrCH information	
- Added of Neconingdied OE TTOTT information	DCH
- OL Transport channel identity	1
<u>- IFS</u>	
- CHOICE Transport channel type	Dedicated transport channels
<ul> <li><u>Dynamic Transport format information</u></li> </ul>	
- RLC Size	Reference to TS34.108 clause 6.10 Parameter Set
- Number of TBs and TTI List	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to TS34.108 clause 6.10 Parameter Set
- CHOICE Logical Channel list	All
- Semi-static Transport Format information	<u>7.00</u>
	Poteronas to TS24 109 clause 6 10 Decemptor Set
	Reference to TS34.100 clause 0.10 Parameter Set
- Type of channel coding	Reference to 1534.108 clause 6.10 Parameter Set
- Coding Rate	Reference to 1534.108 clause 6.10 Parameter Set
- Rate matching attribute	Reference to 1534.108 clause 6.10 Parameter Set
<u> </u>	Reference to TS34.108 clause 6.10 Parameter Set
CHOICE mode	TDD (no data)
DL Transport channel information common for all	
transport channel	
- SCCPCH TFCS	Not Present
- CHOICE mode	TDD
- Downlink DPCH info common for all RI	
- Timing indicator	Maintain
- CEN-targetSEN frame offset	Not Present
Downlink DPCH power control information	
- IPC step size	
- Default DPCH offset value	
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	
- Added or Reconfigured DL TrCH information	
<ul> <li>Downlink transport channel type</li> </ul>	DCH
- DL Transport channel identity	<u>6</u>
- CHOICE DL parameters	Explicit
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	(This IE is repeated for TEL number)
	Reference to TS3/ 108 clause 6.10 Parameter Set
Number of TRo and TTU list	(This IF is reported for TEL symbols)
- INUMBER OF IDS and ITT LIST	<u>(This i⊏ is repeated for TFT number.)</u>
- I ransmission Time Interval	NOT Present
- Number of Transport blocks	Reference to 1534.108 clause 6.10 Parameter Set
- CHOICE Logical Channel list	ALL

Information Element	Value/remark
- Semi-static Transport Format information	
- Transmission time interval	Reference to TS34,108 clause 6,10 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34 108 clause 6 10 Parameter Set
- Rate matching attribute	Reference to TS34,108 clause 6 10 Parameter Set
- CRC size	Reference to TS34 108 clause 6 10 Parameter Set
DCH quality target	Reference to 1554.100 clause 0.10 Parameter Set
PLER_Quality_value	6.2
- DLER Quality value	-0.3 Net Dresset
<u>- Transparent mode signalling mio</u>	Not Present
<u>Frequency inio</u>	TDD
<u>- UARFON (Nt)</u>	Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	30 dBm
CHOICE channel requirement	Uplink DPCH into
- Uplink DPCH power control info	
- CHOICE mode	
<u>UL Target SIR</u>	Reference to TS34.108 Parameter set.
- CHOICE UL OL PC info	Individually signalled
<ul> <li>Uplink Timing Advance Control</li> </ul>	Not Present
- UL CCTrCH List	
- TFCS Id	1
<u> </u>	
- Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
- Duration	Infinite
- Common timeslot info	
- 2nd interleaving mode	Reference to TS34.108 clause 6.10 Parameter Set
- TFCI coding	Reference to TS34.108 clause 6.10 Parameter Set
- Puncturing Limit	Reference to TS34.108 clause 6.10 Parameter Set
- Repetition Period	Reference to TS34.108 clause 6.10 Parameter Set
- Repetition Length	Reference to TS34.108 clause 6.10 Parameter Set
- First individual timeslot info	
- Timeslot number	The number of an uplink timeslot that has
	unassigned codes.
- TFCI existence	TRUE
- Midamble shift and burst type	
-CHOICE Burst Type	
-Type 1	
-Midamble Allocation Mode	Default
- Midamble configuration burst	As defined in 3GPP TS 25 221
type 1 and 3	<u>As defined in 5011 10 25.221</u>
- First timeslot channelisation codes	Repeated (1.2) for each channelisation code assigned in
	the slot to meet the needs of TS34 108 clause 6
	Decemptor Set
- Channelisation code	(i/SE) where i denotes an unassigned code
	<u>matching the SE specified in TS24.102 cloues</u>
	A Decomptor Set
CHOICE more timeslets	<u>Uraidilletei Jet.</u>
	number of resources encodied in TC24.400
	number of resources specified in 1534.108
	section 6 and the number of slots in which they
Deven Bala information and an an annual for the Bala	are being assigned.
Downlink information common for all radio links	
- Downlink DPCH into common for all RL	
- Liming indicator	Maintain
- CFN-targetSFN frame offset	Not Present
- Downlink DPCH power control information	
- DPC mode	
- CHOICE mode	<u>IDD (no data)</u>
- Default DPCH Offset Value	Not Present
Downlink information for each radio link list	
- Downlink information for each radio link	
<u> </u>	TDD
- Primary CCPCH info	
- CHOICE SyncCase	Sync Case 1
- Timeslot	PCCPCH timeslot
- Cell parameters ID	0
- SCTD indicator	
- Downlink DPCH info for each RL	
· · · · · · · · · · · · · · · · · · ·	· ·

Information Element	Value/remark
- CHOICE mode	TDD
- DL CCTrCH List	
- TFCS ID	1
- Time info	
- Activation time	(256+CFN-(CFN mod 8 + 8))mod 256
- Duration	<u>infinite</u>
- Common timeslot info	
- 2nd interleaving mode	Reference to TS34.108
- TFCI coding	TRUE
- Puncturing limit	Reference to TS34.108 clause 6 Parameter set
- Repetition period	1
- Repetition length	Empty
- Downlink DPCH timeslots and codes	
- Individual timeslot info	
- Timeslot number	The number of a downlink timeslot that has
TEOL	unassigned codes.
- IFCI existence	IRUE
- Midamble shift and burst type	
-CHOICE Burst Type	
<u> </u>	Default
	Detault As defined in 2000 TS 25 221
- Midamble configuration burst	As defined in SOFF 13 23.221
- First timeslot channelisation codes	
- First channelisation code	(i/SE) where i is the lowest numbered code
	that is being assigned and SE is specified in
	TS34 108 clause 6 Parameter Set
- Last channelisation code	(i/SE) where i is the highest numbered code
	that is being assigned in the slot
- Bitman	Bitman of the codes that are being assigned in
	the slot
- CHOICE more timeslots	The presence of this IE depends upon whether
	the requirements of TS34.108 clause 6
	Parameter Set could be met by the codes that
	have been assigned in the first timeslot.
- UL CCTrCH TPC List	Not Present
-SCCPCH information for FACH	Not Present

# Contents of RADIO BEARER SETUP COMPLETE message: AM

Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
	the downlink RADIO BEARER SETUP message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
- Message authentication code	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used
	by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked.
CHOICE mode	TDD
<u>START</u>	Not checked
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM and
	(b) UE is transiting to CELL_DCH state after the RB
	establishment procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	If ciphering is not activated in RADIO BEARER SETUP
	message, this IE must be absent. Else, SS checks this IE
	for the presence of activation times of all ciphered uplink
	RLC-UM and RLC-AM RBs.
Uplink counter synchronisation info	Not checked

#### Contents of RADIO BEARER RELEASE COMPLETE message: AM

Message Type	
RRC transaction identifier	Checked to see the value is identical to the same IE in the
	downlink RADIO BEARER RELEASE message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is used
	by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked.
CHOICE mode	TDD
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM and
	(b) UE is transiting to CELL_DCH state after the RB
	release procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	If ciphering is not activated in RADIO BEARER RELEASE
	message, this IE must be absent. Else, SS checks this IE
	tor the presence of activation times of all ciphered uplink
	RLC-UM and RLC-AM RBS.
Uplink counter synchronisation into	Not cnecked

## Contents of RRC CONNECTION REQUEST message: TM

Information Element	Value/remark
Message Type	
Initial UE identity	
- CHOICE UE id type	
<u> </u>	Set to the UE's IMSI (GSM-MAP) or TMSI.
Establishment cause	To be checked against requirement if specified
Protocol error indicator	FALSE
Measured results on RACH	Not checked

#### Contents of RRC CONNECTION RELEASE message: UM

Information Element	Value/remark
Message Type	
<u>U-RNTI</u>	This IE is set to the following value when the message is
	transmitted on the CCCH. When transmitted on DCCH,
	this is absent.
<ul> <li>SRNC identity</li> </ul>	<u>0000 0000 0001B</u>
<u> </u>	<u>0000 0000 0000 0000 0001B</u>
RRC transaction identifier	<u>0</u>
Integrity check info	The presence of this IE depends on 2 factors:
	(a) IXIT statements in TS 34.123-2: If integrity protection
	is indicated to be active, this IE is present with the
	values of the sub IEs as stated below. Else, this IE and
	the sub-IEs are omitted.
	(b) This IE is present when this message is transmitted on
	downlink DCCH. Else, this IE and the sub-IEs are
	omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
<u>N308</u>	2 (for CELL_DCH state). Not Present (for UE in other
	connected mode states).
Release cause	Normal event
Rplmn information	Not Present

#### Contents of RRC CONNECTION RELEASE COMPLETE message: AM or UM

Information Element	Semantics description
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the
	value of the same IE transmitted in the downlink RRC
	CONNECTION RELEASE message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	Checked to see if it's identical to the value of XMAC-I
	calculated by the SS
<ul> <li>- RRC Message sequence number</li> </ul>	Checked to see if it is present. This number is used by
	the SS to compute the XMAC-I
Error indication	Not checked

# Contents of RRC CONNECTION SETUP message: UM (Transition to CELL DCH)

Information Element	Value/remark
Message Type	
Initial UE identity	Select the same identity as in the IE "Initial UE Identity" in
	received RRC CONNECTION REQUEST" message
RRC transaction identifier	<u>0</u>
Activation time	Not Present(Now)
New U-RNTI	
<u>- SRNC identity</u>	<u>0000 0000 0001B</u>
<u> </u>	<u>0000 0000 0000 0000 0001B</u>
New C-RNTI	Not Present
RRC State Indicator	CELL DCH
UTRAN DRX cycle length coefficient	
Capability update requirement	Not Present
- UE radio access FDD capability	FALSE
update requirement	
<ul> <li>UE radio access TDD capability</li> </ul>	TRUE
update requirement	
<ul> <li>System specific capability update</li> </ul>	<u>gsm</u>
requirement list	

Information Element	Value/remark
Signalling RB information to setup	(UM DCCH for RRC)
- RB identity	Not Present
- CHOICE RI C info type	
PLC info	
<u>CHOICE Unlink DLC mode</u>	
- CHOICE Uplink RLC mode	
- Transmission RLC discard	Not Present
- CHOICE Downlink RLC mode	UM RLC
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	1
- Unlink transport channel type	БСН
- III Transport channel identity	5
- Logical channel identity	
<u>- OTOICE REC Size list</u> MAC logical observal priority	
- MAC logical charmer phone	<u> </u>
- Downlink RLC logical channel into	
- Number of RLC logical channels	$\frac{1}{2}$
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>	<u>10</u>
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	<u>1</u>
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of RLC logical channels	1
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	1
- CHOICE RLC size list	Explicit List
- RLC size index	According to TS34.108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- MAC logical channel priority	2
- Downlink RLC logical channel info	-
- Number of RLC logical channels	1
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
Signalling PR information to cotup	
DR identity	
	<u>Not Present</u>
- CHOICE RLC Into type	
- RLC Into	
- CHOICE Uplink RLC mode	AMRLC
- Transmission RLC discard	
<ul> <li>SDU discard mode</li> </ul>	No Discard
<u> </u>	<u>415</u>
<ul> <li>Transmission window size</li> </ul>	<u>128</u>
- Timer_RST	500
- Max_RST	4
- Polling info	
- Timer poll prohibit	200
- Timer poll	200
- Poll PDL	Not present

Information Element	Value/remark
- Poll SDU	1
- Last transmission PDU poll	TRUE
- Last retransmission PDU poll	TRUE
- Poll Window	99
- Timer poll periodic	Not Present
- CHOICE Downlink RI C mode	AMRIC
- In-sequence delivery	TRUE
- Receiving window size	128
- Downlink RI C status info	
- Timer status prohibit	200
- Timer EPC	Not Present
- Missing PDU indicator	TRUE
- Timer STATUS periodic	Not Present
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RI C logical channel manping indicator	Not Present
- Number of RLC logical channels	1
- Uplink transport channel type	БСН
- UI Transport channel identity	5
- Logical channel identity	2
- CHOICE RI C size list	Configure
- MAC logical channel priority	2
- Downlink RLC logical channel info	=
- Number of RLC logical channels	1
- Downlink transport channel type	БСН
- DL DCH Transport channel identity	10
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	2
- RLC logical channel mapping indicator	= Not Present
- Number of RI C logical channels	1
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	2
- CHOICE RLC size list	Explicit List
- RLC size index	According to TS34.108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- MAC logical channel priority	3
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	2
Signalling RB information to setup	AM DCCH for NAS_DT High priority)
- RB identity	Not Present
- CHOICE RLC info type	
- RLC info	
- CHOICE Uplink RLC mode	AM RLC
- Transmission RLC discard	
- SDU discard mode	No Discard
- MAX_DAT	<u>415</u>
<ul> <li>Transmission window size</li> </ul>	<u>128</u>
<u> </u>	<u>500</u>
<u> </u>	<u>4</u>
<u> </u>	
<u> </u>	200
<u> </u>	200
- Poll_PDU	Not present

Information Element	Value/remark
- Poll SDU	1
- Last transmission PDL noll	
Last retransmission DDU nell	
<u> </u>	99
- limer_poll_periodic	Not Present
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	128
- Downlink RLC status info	120
Timer, status, prohibit	200
- TIMER_EPC	Not Present
- Missing PDU indicator	IRUE
- Timer_STATUS_periodic	Not Present
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	1
Liplink transport shapped type	
- UL Transport channel identity	<u>5</u>
<ul> <li>Logical channel identity</li> </ul>	<u>3</u>
- CHOICE RLC size list	Configured
<ul> <li>MAC logical channel priority</li> </ul>	3
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
- Downlink transport channel type	БСН
DL DCH Transport channel identity	10
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	3
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of RLC logical channels</li> </ul>	1
<ul> <li>Uplink transport channel type</li> </ul>	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	3
- CHOICE RLC size list	Explicit List
- RI C size index	According to TS34,108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- MAC logical chapped priority	
Downlink PLC logical channel info	1 <sup>-</sup>
- Number of RLC logical channels	$\frac{1}{2}$
<ul> <li>Downlink transport channel type</li> </ul>	FACH
<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
- Logical channel identity	3
Signalling RB information to setup	(AM DCCH for NAS_DT Low priority)
- RB identity	Not Present
- CHOICE RI C info type	<u>Not Prosent</u>
<u>- RLC IIIU</u> CHOICE Haliak DLC mada	
- CHOICE Uplink RLC mode	AMIRLO
- Transmission RLC discard	
<u>SDU discard mode</u>	No discard
- MAX_DAT	<u>415</u>
- Transmission window size	128
- Timer RST	500
- Max RST	
	1 <del>-</del>
<u> </u>	200
	200
- limer_poll	200
- Poll_PDU	Not present

Information Element	Value/remark
- Poll SDU	1
- Last transmission PDU poll	TRUE
Last retransmission PDU poll	
<u> </u>	<u>88</u>
- limer_poll_periodic	Not Present
- CHOICE Downlink RLC mode	<u>AM RLC</u>
- In-sequence delivery	TRUE
- Receiving window size	128
- Downlink PLC status info	
Timor status prohibit	200
- Timer_EPC	Not Present
<ul> <li>Missing PDU indicator</li> </ul>	TRUE
- Timer_STATUS_periodic	Not Present
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel manning indicator	Not Present
Number of PLC logical channels	1
- Uplink transport channel type	
- UL Transport channel identity	5
<ul> <li>Logical channel identity</li> </ul>	4
- CHOICE RLC size list	Configured
- MAC logical channel priority	4
- Downlink RI C logical channel info	-
- Number of PLC logical channels	1
Downlink transport channel type	
- Downlink transport channel type	
- DL DCH Transport channel identity	$\frac{10}{10}$
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	4
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of RLC logical channels	1
- Unlink transport channel type	RACH
LIL Transport channel identity	Not Present
	4
- CHOICE RLC size list	Explicit List
<u> </u>	According to TS34.108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- MAC logical channel priority	5
- Downlink RLC logical channel info	-
- Number of RLC logical channels	1
- Downlink transport channel type	ÉACH
DL DOLL Transport channel identity	Net Present
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
<ul> <li>Logical channel identity</li> </ul>	4
UL Transport channel information for all transport	
channels	
- PRACH TECS	Not Present
- CHOICE mode	
	(This IF is repeated for TEO surplus)
	(Inis IE is repeated for IFC number.)
<ul> <li>Allowed Transport Format combination</li> </ul>	<u>0 to MaxTFCvalue-1 (MaxTFCValue is refer to</u>
	TS34.108 clause 6 Parameter Set.)
- PRACH TFCS	(This IE is repeated for TFC number.)
- CHOICE TFCI signalling	Normal
- TECL Field 1 information	
- TECS complete reconfigure	
information	
	Number of used bits must be ensure to second
- CHOICE TECS SIZE	Number of used bits must be enough to cover
	all complinations of CTFC from clauses 6.
	Reter to 1S34.108 clause 6 Parameter Set
- CTFC information	Not Present
- CHOICE mode	TDD
- Individual UL CCTrCH information	Not Present
Deleted TrCH information list	Not Present
Added or Reconfigured LIL TrCH information	
	DOLL
- Oplink transport channel type	
- UL I ransport channel identity	<u></u>
<u> </u>	

Information Element	Value/remark
- CHOICE Transport channel type	Dedicated transport channels
	Dedicated transport charmers
- Dynamic Transport format information	
- RLC size	According to TS34.108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- Number of TBs and TTL lists	(This IE is repeated for TEL number)
- Transmission Time Interval	According to 1S34.108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- Number of Transport blocks	According to TS3/ 108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- CHOICE Logical channel list	All
- Semi-static Transport Format information	
Transmission time interval	According to TS24 108 clause 6 for standalone 12.6 kbps
	signalling radio bearer
- Type of channel coding	According to TS34.108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
Coding Poto	According to TS24 109 clause 6 for standalane 12 6 kbps
	According to 1554.100 clause o for standalone 15.0 kbps
	signalling radio bearer
- Rate matching attribute	According to TS34.108 clause 6 for standalone 13.6 kbps
<u>_</u>	signalling radio bearer
	According to TC24 400 clause 0 for standalana 40.011
- UKU SIZE	According to 1534.108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
DL Transport channel information common for all	
transport channel	
- SULPUH IFUS	INOT Present
- CHOICE mode	TDD
- CHOICE DL parameters	Same as UL
Added or Reconfigured TrCH information list	
- Added or Reconfigured DL TrCH Information	
<ul> <li>Downlink transport channel type</li> </ul>	DCH
- DL Transport channel identity	10
	Same as III
<u>- Uplink transport channel type</u>	DCH
<ul> <li>UL Transport channel identity</li> </ul>	5
-DCH quality target	
- BLER Quality target	-63
	Not Descent
<u>Frequency into</u>	Not Present
Maximum allowed UL TX power	Not Present
HOICE channel requirement	Uplink DPCH info
Unlink DPCH nower control info	
	TDD
- CHOICE mode	
- UL Target SIR	Reference to TS34.108 Parameter set.
- CHOICE UIL OL PC info	Individually signalled
Unlink Timing Advance Control	Net Present
- Oplink Timing Advance Control	NOL FIESEIIL
- UL CC I rCH List	
- TFCS Id	1
- Time info	
- Activation time	
- Duration	Intinite
- Common timeslot info	
- 2nd interleaving mode	Reference to TS34,108 clause 6 10 Parameter Set
TECL and ing	Reference to TS24 109 clause 6 10 Parameter Set
	Deference to 1004.100 Glause 0.10 Parallelet Set
- Puncturing Limit	Reference to 1S34.108 clause 6.10 Parameter Set
- Repetition Period	Reference to TS34.108 clause 6.10 Parameter Set
- Repetition Length	Reference to TS34,108 clause 6 10 Parameter Set
Eirot individual timoalat info	
	The second
- Limeslot number	I ne number of an uplink timeslot that has
	unassigned codes.
- TECL existence	TRUE
Midomble shift and burst time	
- ivilgamble shift and burst type	
-CHOICE Burst Type	
-Type 1	
-Midamble Allocation Mode	Default
Midamble configuration human	As defined in 2000 TS 25 224
- ivildample configuration burst	AS UEIIIIEU III SUPP 15 25.221
type 1 and 3	
- First timeslot channelisation codes	Repeated (1,2) for each channelisation code assigned in
	the slot to meet the needs of TS34 108 clause 6 Parameter
	Set.
Information Element	Value/remark
---	---
- Channelisation code	(i/SF) where i denotes an unassigned code
	matching the SF specified in TS34.108 clause
	6 Parameter Set.
- CHOICE more timeslots	The presence of this IE depends upon the
	number of resources specified in TS34 108
	section 6 and the number of slots in which they
	are being assigned
Downlink information common for all radio links	are being assigned.
Downlink Information common for all PL	
- Downink DFCITINIO common for all KL	Mointoin
CEN torgetSEN frome offect	Net Present
- CFN-talgetSFN frame offset	Not Present
- Downlink DPCH power control information	
- CHOICE mode	<u>IDD (no data)</u>
- Default DPCH Offset Value	Not Present
Downlink information for each radio link list	
- Downlink information for each radio link	
<u> </u>	IDD
- Primary CCPCH info	
- CHOICE SyncCase	Sync Case 1
- Timeslot	PCCPCH timeslot
- Cell parameters ID	<u>0</u>
<ul> <li>SCTD indicator</li> </ul>	
<ul> <li>Downlink DPCH info for each RL</li> </ul>	
- CHOICE mode	TDD
- DL CCTrCH List	
- TFCS ID	1
<u> </u>	
- Activation time	(256+CFN-(CFN mod 8 + 8))mod 256
- Duration	<u>infinite</u>
<ul> <li>Common timeslot info</li> </ul>	
- 2nd interleaving mode	Reference to TS34.108
- TFCI coding	TRUE
- Puncturing limit	Reference to TS34.108 clause 6 Parameter set
<ul> <li>Repetition period</li> </ul>	1
- Repetition length	<u>Empty</u>
<ul> <li>Downlink DPCH timeslots and codes</li> </ul>	
- Individual timeslot info	
- Timeslot number	The number of a downlink timeslot that has
	unassigned codes.
- TFCI existence	IRUE
- Midamble shift and burst type	
-CHOICE Burst Type	
<u>- lype 1</u>	
-Midamble Allocation Mode	Default
- Midamble configuration burst	As defined in 3GPP TS 25.221
type 1 and 3	
<ul> <li>First timeslot channelisation codes</li> </ul>	
<ul> <li>First channelisation code</li> </ul>	(i/SF) where i is the lowest numbered code
	that is being assigned and SF is specified in
	TS34.108 clause 6 Parameter Set
- Last channelisation code	(j/SF) where j is the highest numbered code
	that is being assigned in the slot.
- Bitmap	Bitmap of the codes that are being assigned in
	the slot.
- CHOICE more timeslots	The presence of this IE depends upon whether
	the requirements of TS34.108 clause 6
	Parameter Set could be met by the codes that
	have been assigned in the first timeslot
- UL CCTrCH TPC List	Not Present
-SCCPCH information for FACH	Not Present

# Contents of RRC CONNECTION SETUP COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the value of the same IE transmitted in the downlink BBC
	CONNECTION SETUP message.
START list	Not checked
UE radio access capability	Not checked
UE radio access capability extension	Not checked
UE system specific capability	Not checked

# Contents of SECURITY MODE COMMAND message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	
<ul> <li>Message authentication code</li> </ul>	Set to an arbitrarily selected 32-bits integer
<ul> <li>- RRC Message Sequence Number</li> </ul>	Set to an arbitrarily selected integer between 0 and 15
Security capability	
<ul> <li>Ciphering algorithm capability</li> </ul>	
<u> </u>	If ciphering is not indicated to be active on IXIT
	statements in TS 34.123-2, set this IE to TRUE.
<u> </u>	If ciphering is indicated to be active on IXIT statements in
	TS 34.123-2, set this IE to TRUE.
<u>- Spare</u>	FALSE
<ul> <li>Integrity protection algorithm capability</li> </ul>	000000000000010B (UIA1)
<u>- UIA1</u>	
- Spare	FALSE
Ciphering mode info	Inis presence of this IE is dependent on IXIT statements
	in 1S 34.123-2. If cipnering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
Ciphoring mode command	Else, this is is omitted.
<u>Ciphering algerithm</u>	<u>Start/restart</u>
	Ose the same ciphening algorithm specified in ciphening
Ciphoring activation time for DPCH	Algonithin capability in this message.
- Cipitering activation time for DFCIT	<u>Not Flesent</u>
info	
- Radio bearer activation time	
- RB identity	1
- RLC sequence number	Current RLC SN+2
- RB identity	2
- RLC sequence number	Current RLC SN+2
- RB identity	3
- RLC sequence number	Current RLC SN + 2
- RB identity	4
- RLC sequence number	Current RLC SN + 2
Integrity protection mode info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-32. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Integrity protection mode command</li> </ul>	<u>Start</u>
<ul> <li>Downlink integrity protection activation info</li> </ul>	Not Present
<ul> <li>Integrity protection algorithm</li> </ul>	<u>UIA1</u>
<ul> <li>Integrity protection initialisation number</li> </ul>	SS selects an arbitrary 32 bits number for FRESH
CN domain identity	Supported domain
UE system specific security capability	Not Checked

# Contents of SECURITY MODE COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the
	value of the same IE transmitted in the downlink
	SECURITY MODE COMMAND message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is used
	by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked.
Radio bearer uplink ciphering activation time info	If ciphering is not activated in SECURITY MODE
	COMMAND message, this IE must be absent. Else, SS
	checks this IE for the presence of activation times for all
	ciphered uplink RLC-UM and RLC-AM RBs.

# Contents of UPLINK DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is used
	by SS to compute the XMAC-I value.
CN domain identity	Checked to see if set to supported CN domain as
	specified in the IXIT statements
NAS message	Set according to that indicated in specific message
	content clause
Measured results on RACH	Not checked

#### 3GPP TSG T WG1 #15 Lund, Sweden, 21-24 May 2002

		CHAN	IGE REC	QUEST		CR-Form-v5.1
<sup>ж</sup> тs	<mark>6 34.108</mark>	CR <mark>108</mark>	ж rev	<b>-</b> *	Current vers	<sup>ion:</sup> <b>4.2.1</b> <sup>#</sup>
For <u>HELP</u> on u	ising this for	m, see bottom	of this page c	r look at th	e pop-up text	over the # symbols.
Proposed change	affects: ೫	(U)SIM	ME/UE X	Radio Ac	cess Network	Core Network
Title: ¥	Update of establishr	generic setup nent TDD (3.84	procedures to Mcps and 1.	use 13.6 k 28 Mcps)	obps SRB in F	RRC connection
Source: ೫	Siemens					
Work item code: %	TEI, LCR	TDD			Date: ೫	2002-05-07
Category: ⊮ Reason for change	F Use <u>one</u> of F (cor A (cor B (add C (fun D (edi Detailed exp be found in	the following cate rection) responds to a co lition of feature), ctional modification olanations of the 3GPP <u>TR 21.900</u> IO BEARER SI	egories: rrection in an e on of feature) n) above categori <u>)</u> . <b>ETUP referen</b>	arlier release es can <mark>ces for TD</mark> I	Release: # Use <u>one</u> of 2 9) R96 R97 R98 R99 REL-4 REL-5	Rel-4 the following releases: (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5)
Summary of chang	ge: # Added specif Defau to TS 6.11.5	d reference to o ic message cor t parameters for 34.108 clause 6.1 4.1.4 for 1.28 M	clause in 34.1 Intent of RADI 12.2 kbps spee 0.2.4.1.4 for F cps TDD	08 for the 1 D BEARER ch RAB + 3 DD, clause (	2.2 speech r SETUP. .4 kbps signall 5.10.3.4.1.4 for	adio bearer in the ing radio bearer according 3.84 Mcps TDD and
Consequences if not approved:	₩ Sign what	alling radio bea will be used in	rer used in th real networks	e signalling	tests will not	be representative for
Clauses affected:	<mark>೫ 7.1.3</mark>	.4				
Other specs affected:	ж О Х Те О	ther core specifiest specification M Specification	ications is ins	£		
Other comments:	策 This #22	CR is compatik meeting)	ble with T1S-0	20156 Eric	sson (already	approved last T1SIG

#### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

# <Start of modified section>

# 7.1.3.4 Specific message contents

## 7.1.3.4.1 RADIO BEARER SETUP

The RADIO BEARER SETUP message is sent from the System Simulator to the UE, using AM-RLC on the DCCH logical channel.

The default RRC CONNECTION SETUP message for the setup of a speech radio access bearer is used except for the IE fields specified below.

Information Element		Value/Remark
Message Type		RADIO BEARER SETUP
UE Information Elements		
CN Information Elements		
<b>RB</b> Information Elements		
RAB information for setup	Default parameters for 12.2 kbps spee	ch RAB <u>+3.4 kbps signalling</u>
	radio bearer according to TS 34.108 cl	ause 6.10.2.4.1.4 for FDD,
	clause 6.10.3.4.1.4 for 3.84 Mcps TDD	and 6.11.5.4.1.4 for 1.28 Mcps
	<u>TDD</u>	

# 7.1.3.4.2 RADIO BEARER SETUP COMPLETE

The RADIO BEARER SETUP COMPLETE message is sent from the UE to the System Simulator, using AM-RLC on the DCCH logical channel.

The default RADIO BEARER SETUP COMPLETE message is used .

Information Element	Value/Remark
Message Type	RADIO BEARER SETUP COMPLETE
Use default	

			С	HAN	IGE	REC	UE	ST						
¥	34.	<mark>108</mark>	CR 1	09	H	rev	-	Ħ	Curre	ent ver	sion:	4.2	. <mark>1</mark> <sup>#</sup>	B
For <u>HELP</u> on ι	using th	nis fori	n, see l	bottom (	of this p	age o	<sup>,</sup> look	at th	e pop-	up tex	t over	the ¥	symb	ols.
Proposed change	affects	s: #	(U)SI	IM	ME/U	IE X	Rad	io Ac	cess l	Netwoi	rk	Core	e Netw	/ork
Title: #	CR 1	t <mark>o 34.</mark> 1	108 R4	; Correc	ction to	<mark>clause</mark>	7.3.3	.4 R		BEAR	ER SE	ETUP r	nessa	ige
Source: भ	MCI													
Work item code: भ	TEI								D	Date: #	3 17	May, 2	2002	
Category: #	G A Use o F A E C Detail be fou	ne of t (corr (corr (add (func (func (edite ed exp ind in 3	he follow ection) esponds ition of fe tional mo orial mod lanation 3GPP TF	ving cate s to a con eature), odification dification s of the a <u>R 21.900</u>	egories: rrection i on of fea i) above ca	in an ea ture) ategorie	arlier re	elease	Rele Use 2 9)           	<b>ase:</b> # 2 R96 R97 R98 R99 REL-4 REL-5	f the fo (GSN (Rele (Rele (Rele (Rele (Rele	L-4 ollowing A Phase ease 19 ease 19 ease 19 ease 19 ease 4) ease 5)	releas e 2) 196) 197) 198) 199)	Ses:
Reason for change	<b>е</b> : Ж	To av	<mark>oid unr</mark>	necessa	<mark>ry cell u</mark>	update	proce	edure	<mark>e durin</mark>	<mark>g mea</mark>	suren	nent.		
Summary of chang	ge: #	A new to CE	V C-RN	TI value CH state	e is add e from (	ed into CELL_	RAD DCH	IO B state	EARE	R SET	UP m	iessag	e to tra	ansit
Consequences if not approved:	ж	Test	conditio	n is not	matche	ed for I	neasi	urem	et of R	x Spu	rious	Emissi	on.	
Clauses affected:	Ħ	7.3.3	.4											
Other specs affected:	ж	Ot Te O8	her core st spec M Spe	e specifi ification cificatio	ications s ns	; }	6							
Other comments	ж													

# 3GPP TSG- T1 Meeting #15 Lund, Sweden, 21<sup>st</sup>, 24<sup>th</sup> May 2002

# 3GPP TSG-T1/SIG Meeting #23 Lund, Sweden, 20<sup>st</sup> - 23<sup>rd</sup> May, 2002

# 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.

# T1-020291

# T1S020326

CR-Form-v5.1

# 7.3.3.4 Specific message contents

The default message contents specified in clause 9.2 are used with the following exceptions.

## Contents of RADIO BEARER SETUP message: RRC

Information Element	Value/remark
New C-RNTI	<u>'1010 1010 1010 1010'</u>
RRC State indicator	CELL_FACH

# 3GPP TSG- T1/SIG Meeting #23 Lund, Sweden, 21<sup>st</sup>/24<sup>th</sup> May 2002

3GPP TSG- T1/SIG Meeting #23 Lund, Sweden, 21<sup>st</sup>-23<sup>rd</sup> May 2002

3GPP TSG-RAN WG1 Meeting #25 Paris, France, 09-12<sup>th</sup> April 2002

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ж	3	<mark>4.108</mark>	CR	110	ж r	ev	-	ж	Current ver	sion:	4.2.1	ж
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Proposed change	e affe	ects: #	(U)	SIM	ME/UE		Radi	o Ac	cess Netwo	rk	Core Ne	etwork
Title:	ж <mark>с</mark>	Change o	f the ra	ange of ra	ate match	ing at	tribut	e for	DL:3.4 kbp	s SRE	Bs for DCC	H
Source:	¥ N	ITT DoC	oMo, I	nc.								
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Reason for chang	ge:	₩ <mark>SCH i</mark> qualiti	nterefe y by al	erence wl bout 1 dE	hich has n 3.	ot be	en ta	ken	into account	migh	t degrade	DCCH
Summary of char	nge:	# Chang from 1	ge the 85 to 2	upper lim 230	nit of rate r	match	ning a	ttribu	ute for DL: 3	.4kbp	s SRBs fo	r DCCH

Consequences if not approved:	<ul> <li>DCCH quality cannot be guranteed when SCH hits DCCH part in some environment.</li> </ul>
Clauses affected:	<b>¥</b> 6.10.2.4.1.2.2.1.1
Other specs Affected:	%       Other core specifications       %         Test specifications       0&M Specifications
Other comments:	ж

# How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: <u>http://www.3gpp.org/3G\_Specs/CRs.htm</u>. 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.

# T1S-020292

# Tdoc R1-02-0643

- 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 <u>ftp://ftp.3gpp.org/specs/</u> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

6.10.2.4.1.2.2	Downlink

6.10.2.4.1.2.2.1 Transport channel parameters

## 6.10.2.4.1.2.2.1.1 Transport channel parameters for DL:3.4 kbps SRBs for DCCH

Higher layer	RAB/signalling RB		SRB#1	SRB#2	SRB#3	SRB#4	
	User of Radio Bea	rer	RRC	RRC	NAS_DT	NAS_DT	
					High prio	Low prio	
RLC	Logical channel type		DCCH	DCCH	DCCH	DCCH	
	RLC mode		UM	AM	AM	AM	
	Payload sizes, bit		136	128	128	128	
	Max data rate, bps		3400	3200	3200	3200	
	AMD/UMD PDU he	eader, bit	8	16	16	16	
MAC MAC header, bit			4	4	4	4	
	MAC multiplexing		4 logical channel multiplexing				
Layer 1	TrCH type		DCH				
-	TB sizes, bit		148 (alt 0, 148) (note)				
	TFS	TF0, bits	0x148 (alt 1x0) (note)				
		TF1, bits		1x1	48		
	TTI, ms		40				
	Coding type		CC 1/3				
	CRC, bit		16				
	Max number of bits/TTI before rate			51	16		
	matching						
RM attribute				155- <u>2</u>	<u>30</u> 185		
NOTE: alternative parameters enable the measurement "transport channel BLER" in the UE.							

		(	CHANG	EREQ	UES	ST				CR-Form-v5
ж	34.10	08 CR	111	ж <b>rev</b>	-	жC	Current vers	ion: 4	1.2.1	ж
For <u>HELP</u> on u	sing this	form, see	bottom of t	his page or	look ai	t the p	pop-up text	over th	е ж syr	nbols.
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Title: #	Introdu 4.75) [ DL:64	iction of ra DL:(12.2 7 kbps / CS	adio bearer .95 5.9 4.75 RAB + UL:	configuratic 5) kbps / CS 3.4 DL:3.4	on "Con S RAB - kbps S	iversa ⊦ Cor RBs f	ational / spe versational for DCCH".	eech / L I / unkn	JL:(12.2 own / U	7.95 5.9 L:64
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Consequences if not approved:	ж <mark>S</mark>	upport of	the propose	d reference	RAB	an no	ot be garan	teed fo	r Rel'4 l	JE.
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Other comments:	ж									

#### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: <u>http://www.3gpp.org/3G\_Specs/CRs.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

### 6.10.2.2 Combinations of RABs and Signalling RBs

In the present document, physical channel parameters for following combinations of RABs and signalling RBs on a CCTrCH are described.

NOTE: It is understood that for speech service the AMR mode may be operated asymmetrically for the uplink and downlink.

#### Combinations on DPCH

- 1) Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH.
- 2) Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 3) Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH.
- 4) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 4a) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 5) Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 5a) Conversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 6) Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 7) Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 7a) Conversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 8) Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 9) Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 10) Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH.
- 11) Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH.
- 12) Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 13) Conversational / unknown / UL:64 DL:64 kbps / CS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 14) Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 15) Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.

- 17) Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 18) Streaming / unknown / UL:0 DL:64 kbps / CS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 19) Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 20) Streaming / unknown / UL:0 DL:128 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 21) Streaming / unknown / UL:128 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 22) Streaming / unknown / UL:0 DL:384 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23) Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23a) Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23b) Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23c) Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23d) Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 24) Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 25) Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 26) Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 27) Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 28) Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 29) Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 30) Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 31) Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 32) Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 33) Interactive or background / UL:128 DL:384 kbps / PS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 34) Interactive or background / UL:384 DL:384 kbps / PS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.

- 35) Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 36) Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 37) Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:32 DL:8 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38a) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:0 DL:0 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 38b) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:8 DL:8 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 38c) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:32 DL:32 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 38d) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:64 DL:64 kbps / PS RAB
  + Interactive or background / UL:64 DL:64 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 38e) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB
  + Interactive or background / UL:0 DL:0 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38f) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB
  + Interactive or background / UL:8 DL:8 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38g) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38h) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38i) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB
   + Interactive or background / UL:64 DL:64 kbps / PS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 38j) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB
   + Interactive or background / UL:64 DL:128 kbps / PS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 39) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:32 DL:64 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 40) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 41) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.

- 42) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 43) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:64 DL:384 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 44) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Interactive or background / UL:128 DL:2048 kbps / PS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 45) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 46) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Streaming / unknown / UL:0 DL:64 kbps / CS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 47) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Streaming / unknown / UL:0 DL:128 kbps / CS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 48) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Streaming / unknown / UL:0 DL:384 kbps / CS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 49) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
  + Conversational / unknown / UL:64 DL:64 kbps / CS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- <u>49a)</u> Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB <u>+ Conversational / unknown / UL:64 DL:64 kbps / CS RAB</u> + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 50) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 51) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 51a) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 51b) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 52) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 53) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 54) Interactive or /background / UL:64 kbps DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.

- 55) Interactive or /background / UL:64 kbps DL:128 kbps / PS RAB
  + Streaming / unknown / UL:0 DL:128 kbps / CS RAB
  + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 56) Interactive or background / UL:8 DL:8 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 57) Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 58) Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.

#### Combinations on DSCH and DPCH

- 1) Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 2) Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 3) Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 4) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
   + Interactive or background / UL:64 DL:256 kbps / PS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 5) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 6) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB
   + Interactive or background / UL:64 DL:2048 kbps / PS RAB
   + UL:3.4 DL:3.4 kbps SRBs for DCCH.

#### Combinations on SCCPCH

- 1) Stand-alone 24 kbps SRB for PCCH.
- 2) Interactive or background / DL:32 kbps / PS RAB
  + SRB for CCCH
  + SRBs for DCCH
  + SRB for BCCH.
- 3) Interactive or background / DL:32 kbps / PS RAB
  + SRB for PCCH
  + SRB for CCCH
  + SRBs for DCCH
  + SRB for BCCH.
- 4) RB for CTCH + SRB for CCCH +SRB for BCCH

Combinations on PRACH

Interactive or background / UL:32 kbps / PS RAB
 + SRB for CCCH
 + SRBs for DCCH.

<u>6.10.2.4.1.49a</u> <u>Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS</u> <u>RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps</u> <u>SRBs for DCCH</u>

6.10.2.4.1.49a.1 Uplink

6.10.2.4.1.49a.1.1 Transport channel parameters

6.10.2.4.1.49a.1.1.1 Transport channel parameters for Conversational / speech / UL: (12.2 7.95 5.9 4.75) kbps / CS RAB

See clause 6.10.2.4.1. 4a.1.1.1.

6.10.2.4.1.49a.1.1.2 Transport channel parameters for Conversational / unknown / UL:64 kbps / CS RAB

See clause 6.10.2.4.1.13.1.1.1.

6.10.2.4.1.49a.1.1.3 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

6.10.2.4.1.49a.1.1.4 TFCS

TFCS size	24
TFCS	(RAB subflow#1, RAB subflow#2, RAB subflow#3, 64 kbps RAB, DCCH)=
	<u>(TF0,TF0,TF0,TF0,TF0), (TF1,TF0,TF0,TF0,TF0), (TF2,TF1,TF0,TF0,TF0),</u>
	(TF3,TF2,TF0,TF0,TF0), (TF4,TF3,TF0,TF0,TF0), (TF5,TF4,TF1,TF0,TF0),
	(TF0,TF0,TF0,TF1,TF0), (TF1,TF0,TF0,TF1,TF0), (TF2,TF1,TF0,TF1,TF0),
	(TF3,TF2,TF0,TF1,TF0), (TF4,TF3,TF0,TF1,TF0), (TF5,TF4,TF1,TF1,TF0),
	<u>(TF0,TF0,TF0,TF1,TF1,TF0,TF0,TF0,TF1), (TF2,TF1,TF0,TF0,TF1),</u>
	(TF3,TF2,TF0,TF0,TF1), (TF4,TF3,TF0,TF0,TF1), (TF5,TF4,TF1,TF0,TF1),
	(TF0,TF0,TF0,TF1,TF1), (TF1,TF0,TF0,TF1,TF1), (TF2,TF1,TF0,TF1,TF1),
	(TF3,TF2,TF0,TF1,TF1), (TF4,TF3,TF0,TF1,TF1), (TF5,TF4,TF1,TF1,TF1)

#### 6.10.2.4.1.49a.1.2 Physical channel parameters

DPCH	Min spreading factor	<u>16</u>
<u>Uplink</u>	Max number of DPDCH data bits/radio	<u>2400</u>
	<u>frame</u>	
	Puncturing Limit	<u>0.72</u>

6.10.2.4.1.49a.2 Downlink

6.10.2.4.1.49a.2.1 Transport channel parameters

6.10.2.4.1.49a.2.1.1 Transport channel parameters for Conversational / speech / DL: (12.2 7.95 5.9 4.75) kbps / CS RAB

See clause 6.10.2.4.1. 4a.2.1.1.

6.10.2.4.1.49a.2.1.2	Transport channel	parameters fo	r Conversational /	<sup>/</sup> unknown / [	DL:64 kbps / 0	CS RAB
See clause 6.10.2.4.1.13	<u>.2.1.1.</u>					

6.10.2.4.1.49a.2.1.3 Transport channel parameters for DL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.2.1.1

## 6.10.2.4.1.49a.2.1.4 TFCS

TFCS size	24
TFCS	(RAB subflow#1, RAB subflow#2, RAB subflow#3, 64 kbps RAB, DCCH)=
	(TF0,TF0,TF0,TF0,TF0), (TF1,TF0,TF0,TF0), (TF2,TF1,TF0,TF0,TF0),
	(TF3,TF2,TF0,TF0,TF0), (TF4,TF3,TF0,TF0,TF0), (TF5,TF4,TF1,TF0,TF0),
	(TF0,TF0,TF0,TF1,TF0), (TF1,TF0,TF0,TF1,TF0), (TF2,TF1,TF0,TF1,TF0),
	(TF3,TF2,TF0,TF1,TF0), (TF4,TF3,TF0,TF1,TF0), (TF5,TF4,TF1,TF1,TF0),
	(TF0,TF0,TF0,TF0,TF1), (TF1,TF0,TF0,TF0,TF1), (TF2,TF1,TF0,TF0,TF1),
	(TF3,TF2,TF0,TF0,TF1), (TF4,TF3,TF0,TF0,TF1), (TF5,TF4,TF1,TF0,TF1),
	(TF0,TF0,TF0,TF1,TF1), (TF1,TF0,TF0,TF1,TF1), (TF2,TF1,TF0,TF1,TF1),
	(TF3,TF2,TF0,TF1,TF1), (TF4,TF3,TF0,TF1,TF1), (TF5,TF4,TF1,TF1,TF1)

# 6.10.2.4.1.49a.2.2 Physical channel parameters

DPCH	DTX posit	ion	Flexible
<b>Downlink</b>	Spreading factor		<u>32</u>
	DPCCH	Number of TFCI bits/slot	8
		Number of TPC bits/slot	<u>4</u>
		Number of Pilot bits/slot	<u>8</u>
	DPDCH	Number of data bits/slot	<u>140</u>
		Number of data bits/frame	<u>2100</u>

**Consequences if # Transport channel balancing of the RAB combinations is impaired.** 

Clauses affected:	₭ <mark>6.10.2.4.1</mark>
Other specs affected:	Conter core specifications       #         Test specifications       #         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 <u>http://www.3gpp.org/specs/CR.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

- 6.10.2.4.1.23c Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 6.10.2.4.1.23c.1 Uplink
- 6.10.2.4.1.23c.1.1 Transport channel parameters

6.10.2.4.1.23c.1.1.1 Transport channel parameters for Interactive or background / UL:32 kbps / PS RAB

Higher layer	RAB/Signalling RB		RAB
RLC	Logical channel type		DTCH
	RLC mode	)	AM
	Payload si	izes, bit	320
	Max data ı	rate, bps	32000
	AMD PDU	header, bit	16
MAC	MAC head	ler, bit	0
	MAC multi	iplexing	N/A
Layer 1	TrCH type		DCH
-	TB sizes, I	bit	336
	TFS	TF0, bits	0x336
		TF1, bits	1x336
		TF2, bits	2x336
		TF3, bits	3x336
		TF4, bits	4x336
	TTI, ms		40
	Coding type		TC
	CRC, bit		16
	Max numb	er of bits/TTI after channel coding	4236
	Uplink: Ma	ax number of bits/radio frame	1059
	before rate	e matching	
	RM attribu	te	135-175

6.10.2.4.1.23c.1.1.2 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

### 6.10.2.4.1.23c.1.1.3 TFCS

1

TFCS size	10
TFCS	(32 kbps RAB, DCCH)=
	(TF0,TF0), (TF1,TF0), (TF2,TF0), (TF3,TF0), (TF4,TF0), (TF0,TF1), (TF1,TF1), (TF2,TF1),
	(TF3,TF1), (TF4,TF1)

#### 6.10.2.4.1.23c.1.2 Physical channel parameters

DPCH	Min spreading factor	32
Uplink	Max number of DPDCH data bits/radio	1200
	frame	
	Puncturing Limit	<del>0.96</del> 0.88

- 6.10.2.4.1.23c.2 Downlink
- 6.10.2.4.1.23c.2.1 Transport channel parameters

6.10.2.4.1.23c.2.1.1 Transport channel parameters for Interactive or background / DL:32 kbps / PS RAB

Higher layer	RAB/Sigr	nalling RB	RAB	
RLC	Logical c	hannel type	DTCH	
	RLC mod	de	AM	
	Payload	sizes, bit	320	
	Max data	a rate, bps	32000	
	AMD PDU header, bit		16	
MAC	MAC hea	ader, bit	0	
	MAC multiplexing		N/A	
Layer 1	TrCH type		DCH	
	TB sizes,	, bit	336	
	TFS	TF0, bits	0x336	
		TF1, bits	1x336	
		TF2, bits	2x336	
		TF3, bits	3x336	
		TF4, bits	4x336	
	TTI, ms		40	
	Coding ty	уре	TC	
	CRC, bit		16	
	Max num	ber of bits/TTI after channel coding	4236	
	RM attribute		135-175	

6.10.2.4.1.23c.2.1.2 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.2.1.1.

#### 6.10.2.4.1.23c.2.1.3 TFCS

TFCS size	10
TFCS	(32 kbps RAB, DCCH)=
	(TF0,TF0), (TF1,TF0), (TF2,TF0), (TF3,TF0), (TF4,TF0), (TF0,TF1), (TF1,TF1), (TF2,TF1),
	(TF3,TF1), (TF4,TF1)

#### 6.10.2.4.1.23c.2.2 Physical channel parameters

DPCH	DTX position		Flexible
Downlink			
	Spreading factor		64
	DPCCH	Number of TFCI bits/slot	8
		Number of TPC bits/slot	4
		Number of Pilot bits/slot	8
	DPDCH	Number of data bits/slot	60
		Number of data bits/frame	900

- 6.10.2.4.1.23d Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI)+ UL:3.4 DL:3.4 kbps SRBs for DCCH
- 6.10.2.4.1.23d.1 Uplink
- 6.10.2.4.1.23d.1.1 Transport channel parameters

6.10.2.4.1.23d.1.1.1 Transport channel parameters for Interactive or background / UL:32 kbps / PS RAB

Higher layer	RAB/Signalling RB		RAB
RLC	Logical ch	nannel type	DTCH
	RLC mod	e	AM
	Payload s	sizes, bit	320
	Max data	rate, bps	32000
	AMD PDU	J header, bit	16
MAC	MAC hea	der, bit	0
	MAC mult	tiplexing	N/A
Layer 1	TrCH type		DCH
	TB sizes,	bit	336
	TFS	TF0, bits	0x336
		TF1, bits	1x336
		TF2, bits	2x336
	TTI, ms		20
	Coding ty	ре	TC
	CRC, bit		16
	Max num	ber of bits/TTI after channel coding	2124
	Uplink: Ma	ax number of bits/radio frame	1062
	before rat	e matching	
	RM attribu	ute	135-175

### 6.10.2.4.1.23d.1.1.2 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

6.10.2.4.1.23d.1.1.3 TFCS

TFCS size	6
TFCS	(32 kbps RAB, DCCH)=
	(TF0,TF0), (TF1,TF0), (TF2,TF0), (TF0,TF1), (TF1,TF1), (TF2,TF1)

6.10.2.4.1.23d.1.2 Physical channel parameters

DPCH	Min spreading factor	32
Uplink	Max number of DPDCH data bits/radio	1200
	frame	
	Puncturing Limit	<del>0.96</del> 0.88

- 6.10.2.4.1.23d.2 Downlink
- 6.10.2.4.1.23d.2.1 Transport channel parameters

6.10.2.4.1.23d.2.1.1 Transport channel parameters for Interactive or background / DL:32 kbps / PS RAB

Higher layer	RAB/Signa	alling RB	RAB	
RLC	Logical cha	annel type	DTCH	
	RLC mode	)	AM	
	Payload si	zes, bit	320	
	Max data r	rate, bps	32000	
	AMD PDU	header, bit	16	
MAC	MAC head	ler, bit	0	
	MAC multiplexing		N/A	
Layer 1	TrCH type		DCH	
	TB sizes, b	pit	336	
	TFS	TF0, bits	0x336	
		TF1, bits	1x336	
		TF2, bits	2x336	
	TTI, ms		20	
	Coding typ	0e	TC	
	CRC, bit		16	
	Max numb	er of bits/TTI after channel coding	2124	
	RM attribu	te	135-175	

6.10.2.4.1.23d.2.1.2 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.2.1.1.

### 6.10.2.4.1.23d.2.1.3 TFCS

TFCS size	6
TFCS	(32 kbps RAB, DCCH)= (TF0,TF0), (TF1,TF0), (TF2,TF0), (TF0,TF1), (TF1,TF1), (TF2,TF1)

#### 6.10.2.4.1.23d.2.2 Physical channel parameters

DPCH Downlink	DTX position		Flexible
	Spreading	factor	64
	DPCCH	Number of TFCI bits/slot	8
		Number of TPC bits/slot	4
		Number of Pilot bits/slot	8
	DPDCH	Number of data bits/slot	60
		Number of data bits/frame	900

- 6.10.2.4.1.38d Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 6.10.2.4.1.38d.1 Uplink
- 6.10.2.4.1.38d.1.1 Transport channel parameters

6.10.2.4.1.38d.1.1.1 Transport channel parameters for Conversational / speech / UL:12.2 kbps / CS RAB

See clause 6.10.2.4.1.4.1.1.1.

# 6.10.2.4.1.38d.1.1.2 Transport channel parameters for Interactive or background / UL:64 kbps / PS RAB + UL:64 kbps / PS RAB

Higher	RAB/Signalling RB		RAB	RAB	
Layer					
RLC	Logical channel type		DTCH	DTCH	
	RLC mode	9	AM	AM	
	Payload si	izes, bit	320	320	
	Max data	rate, bps	64000	64000	
	AMD PDU	header, bit	16	16	
MAC	MAC head	der, bit	4	4	
	MAC multi	iplexing	2 logical chann	el multiplexing	
Layer 1	TrCH type		DC	DCH	
	TB sizes, I	bit	34	0	
	TFS	TF0, bits	0x3	40	
		TF1, bits	1x3	40	
		TF2, bits	2x3	40	
		TF3, bits	3x3	40	
		TF4, bits	4x3	40	
	TTI, ms		20		
	Coding type		TC		
	CRC, bit		16		
	Max numb	per of bits/TTI after channel coding	4284		
	Uplink: Ma	ax number of bits/radio frame	214	42	
	before rate	e matching			
	RM attribu	ite	130-	170	

6.10.2.4.1.38d.1.1.3 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

## 6.10.2.4.1.38d.1.1.4 TFCS

TFCS size	30
TFCS	(RAB subflow#1, RAB subflow#2, RAB subflow#3, 64 kbps RAB + 64 kbps RAB, DCCH)=
	(TF0,TF0,TF0,TF0,TF0), (TF1,TF0,TF0,TF0),(TF2,TF1,TF1,TF0,TF0),
	(TF0,TF0,TF0,TF1,TF0), (TF1,TF0,TF0,TF1,TF0),(TF2,TF1,TF1,TF1,TF0),
	(TF0,TF0,TF0,TF2,TF0), (TF1,TF0,TF0,TF2,TF0),(TF2,TF1,TF1,TF2,TF0),
	(TF0,TF0,TF0,TF3,TF0), (TF1,TF0,TF0,TF3,TF0),(TF2,TF1,TF1,TF3,TF0),
	(TF0,TF0,TF0,TF4,TF0), (TF1,TF0,TF0,TF4,TF0),(TF2,TF1,TF1,TF4,TF0),
	(TF0,TF0,TF0,TF0,TF1), (TF1,TF0,TF0,TF0,TF1),(TF2,TF1,TF1,TF0,TF1),
	(TF0,TF0,TF0,TF1,TF1), (TF1,TF0,TF0,TF1,TF1),(TF2,TF1,TF1,TF1,TF1),
	(TF0,TF0,TF0,TF2,TF1), (TF1,TF0,TF0,TF2,TF1),(TF2,TF1,TF1,TF2,TF1),
	(TF0,TF0,TF0,TF3,TF1), (TF1,TF0,TF0,TF3,TF1),(TF2,TF1,TF1,TF3,TF1),
	(TF0,TF0,TF0,TF4,TF1), (TF1,TF0,TF0,TF4,TF1),(TF2,TF1,TF1,TF4,TF1)

#### 6.10.2.4.1.38d.1.2 Physical channel parameters

DPCH	Min spreading factor	16
Uplink	Max number of DPDCH data bits/radio	2400
	frame	
	Puncturing Limit	<del>0.88</del> <u>0.76</u>

6.10.2.4.1.38d.2 Downlink

#### 6.10.2.4.1.38d.2.1 Transport channel parameters

6.10.2.4.1.38d.2.1.1 Transport channel parameters for Conversational / speech / DL:12.2 kbps / CS RAB

See clause 6.10.2.4.1.4.2.1.1.

# 6.10.2.4.1.38d.2.1.2 Transport channel parameters for Interactive or background / DL:64 kbps / PS RAB + DL:64 kbps / PS RAB

Higher Layer	RAB/Signa	lling RB		RAB
RLC	Logical cha	annel type	DTCH	DTCH
	RLC mode		AM	AM
	Payload size	zes, bit	320	320
	Max data r	ate, bps	64000	64000
	AMD PDU	header, bit	16	16
MAC	MAC head	er, bit	4	4
	MAC multi	olexing	2 logical chan	nel multiplexing
Layer 1	er 1 TrCH type		D	СН
-	TB sizes, b	vit	3	40
	TFS	0x340	0x	340
		1x340	1x	340
		2x340	2x	340
		3x340	3x	340
		4x340	4x	340
	TTI, ms		2	20
	Coding typ	e	1	TC
	CRC, bit		16	
	Max numb	er of bits/TTI after channel coding	4284	
	RM attribut	e	130	-170

6.10.2.4.1.38d.2.1.3 Transport channel parameters for DL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.2.1.1.

6.10.2.4.1.38d.2.1.4 TFCS

TFCS size	30
TFCS	(RAB subflow#1, RAB subflow#2, RAB subflow#3, 64 kbps RAB + 64 kbps RAB, DCCH)=
	(TF0,TF0,TF0,TF0,TF0), (TF1,TF0,TF0,TF0,TF0),(TF2,TF1,TF1,TF0,TF0),
	(TF0,TF0,TF0,TF1,TF0), (TF1,TF0,TF0,TF1,TF0),(TF2,TF1,TF1,TF1,TF0),
	(TF0,TF0,TF0,TF2,TF0), (TF1,TF0,TF0,TF2,TF0),(TF2,TF1,TF1,TF2,TF0),
	(TF0,TF0,TF0,TF3,TF0), (TF1,TF0,TF0,TF3,TF0),(TF2,TF1,TF1,TF3,TF0),
	(TF0,TF0,TF0,TF4,TF0), (TF1,TF0,TF0,TF4,TF0),(TF2,TF1,TF1,TF4,TF0),
	(TF0,TF0,TF0,TF0,TF1), (TF1,TF0,TF0,TF0,TF1),(TF2,TF1,TF1,TF0,TF1),
	(TF0,TF0,TF0,TF1,TF1), (TF1,TF0,TF0,TF1,TF1),(TF2,TF1,TF1,TF1,TF1),
	(TF0,TF0,TF0,TF2,TF1), (TF1,TF0,TF0,TF2,TF1),(TF2,TF1,TF1,TF2,TF1),
	(TF0,TF0,TF0,TF3,TF1), (TF1,TF0,TF0,TF3,TF1),(TF2,TF1,TF1,TF3,TF1),
	(TF0,TF0,TF0,TF4,TF1), (TF1,TF0,TF0,TF4,TF1),(TF2,TF1,TF1,TF4,TF1)

DPCH	DTX position		Flexible
Downlink	Spreading factor		32
	DPCCH	Number of TFCI bits/slot	8
		Number of TPC bits/slot	4
		Number of Pilot bits/slot	8
	DPDCH	Number of data bits/slot	140
		Number of data bits/frame	2100

# 6.10.2.4.1.38d.2.2 Physical channel parameters

- 6.10.2.4.1.38g Conversational / speech / (12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 6.10.2.4.1.38g.1 Uplink
- 6.10.2.4.1.38g.1.1 Transport channel parameters
- 6.10.2.4.1.38g.1.1.1 Transport channel parameters for Conversational / speech / UL: (12.2 7.95 5.9 4.75) kbps / CS RAB

See clause 6.10.2.4.1.4a.1.1.1.

6.10.2.4.1.38g.1.1.2 Transport channel parameters for Interactive or background / UL:16 kbps / PS RAB

See clause 6.10.2.4.1.23b.1.1.1.

6.10.2.4.1.38g.1.1.3 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

#### 6.10.2.4.1.38g.1.1.4 TFCS

TFCS size	32
TFCS	(RAB subflow#1, RAB subflow#2, RAB subflow#3, 16 kbps RAB, DCCH)=
	(TF0,TF0,TF0,TF0,TF0), (TF1,TF0,TF0,TF0,TF0), (TF2,TF1,TF0,TF0,TF0),
	(TF3,TF2,TF0,TF0,TF0), (TF4,TF3,TF0,TF0,TF0), (TF5,TF4,TF1,TF0,TF0),
	(TF0,TF0,TF0,TF1,TF0), (TF1,TF0,TF0,TF1,TF0), (TF3,TF2,TF0,TF1,TF0),
	(TF4,TF3,TF0,TF1,TF0), (TF5,TF4,TF1,TF1,TF0), (TF0,TF0,TF0,TF2,TF0),
	(TF1,TF0,TF0,TF2,TF0), (TF3,TF2,TF0,TF2,TF0), (TF4,TF3,TF0,TF2,TF0),
	(TF5,TF4,TF1,TF2,TF0), (TF0,TF0,TF0,TF1), (TF1,TF0,TF0,TF0,TF1),
	(TF2,TF1,TF0,TF0,TF1), (TF3,TF2,TF0,TF0,TF1), (TF4,TF3,TF0,TF0,TF1),
	(TF5,TF4,TF1,TF0,TF1), (TF0,TF0,TF0,TF1,TF1), (TF1,TF0,TF0,TF1,TF1),
	(TF3,TF2,TF0,TF1,TF1), (TF4,TF3,TF0,TF1,TF1), (TF5,TF4,TF1,TF1,TF1),
	(TF0,TF0,TF0,TF2,TF1), (TF1,TF0,TF0,TF2,TF1), (TF3,TF2,TF0,TF2,TF1),
	(TF4,TF3,TF0,TF2,TF1), (TF5,TF4,TF1,TF2,TF1)

6.10.2.4.1.38g.1.2 Physical channel parameters

DPCH	Min spreading factor	32
Uplink	Max number of DPDCH data bits/radio	1200
	frame	
	Puncturing Limit	<del>1.0</del> 0.88

6.10.2.4.1.38g.2 Downlink

6.10.2.4.1.38g.2.1 Transport channel parameters

6.10.2.4.1.38g.2.1.1 Transport channel parameters for Conversational / speech / DL: (12.2 7.95 5.9 4.75) kbps / CS RAB

See clause 6.10.2.4.1.4a.2.1.1.

6.10.2.4.1.38g.2.1.2	Transport channel parameters for Interactive or background / DL:16 kbps / PS RAB
See clause 6.10.2.4.1.23	3b.2.1.1.

6.10.2.4.1.38g.2.1.3 Transport channel parameters for DL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.2.1.1

# 6.10.2.4.1.38g.2.1.4 TFCS

TFCS size	36
TFCS	(RAB subflow#1, RAB subflow#2, RAB subflow#3, 16 kbps RAB, DCCH)=
	(TF0,TF0,TF0,TF0,TF0), (TF1,TF0,TF0,TF0), (TF2,TF1,TF0,TF0,TF0),
	(TF3,TF2,TF0,TF0,TF0), (TF4,TF3,TF0,TF0), (TF5,TF4,TF1,TF0,TF0),
	(TF0,TF0,TF0,TF1,TF0), (TF1,TF0,TF0,TF1,TF0), (TF2,TF1,TF0,TF1,TF0),
	(TF3,TF2,TF0,TF1,TF0), (TF4,TF3,TF0,TF1,TF0), (TF5,TF4,TF1,TF1,TF0),
	(TF0,TF0,TF0,TF2,TF0), (TF1,TF0,TF0,TF2,TF0), (TF2,TF1,TF0,TF2,TF0),
	(TF3,TF2,TF0,TF2,TF0), (TF4,TF3,TF0,TF2,TF0), (TF5,TF4,TF1,TF2,TF0),
	(TF0,TF0,TF0,TF0,TF1), (TF1,TF0,TF0,TF0,TF1), (TF2,TF1,TF0,TF0,TF1),
	(TF3,TF2,TF0,TF0,TF1), (TF4,TF3,TF0,TF0,TF1), (TF5,TF4,TF1,TF0,TF1),
	(TF0,TF0,TF0,TF1,TF1), (TF1,TF0,TF0,TF1,TF1), (TF2,TF1,TF0,TF1,TF1),
	(TF3,TF2,TF0,TF1,TF1), (TF4,TF3,TF0,TF1,TF1), (TF5,TF4,TF1,TF1,TF1),
	(TF0,TF0,TF0,TF2,TF1), (TF1,TF0,TF0,TF2,TF1), (TF2,TF1,TF0,TF2,TF1),
	(TF3,TF2,TF0,TF2,TF1), (TF4,TF3,TF0,TF2,TF1), (TF5,TF4,TF1,TF2,TF1)

## 6.10.2.4.1.38g.2.2 Physical channel parameters

DPCH	DTX position		Flexible
Downlink	Spreading factor		64
	DPCCH	Number of TFCI bits/slot	8
		Number of TPC bits/slot	4
		Number of Pilot bits/slot	8
	DPDCH	Number of data bits/slot	60
		Number of data bits/frame	900

6.10.2.4.1.51a Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH

6.10.2.4.1.51a.1 Uplink

6.10.2.4.1.51a.1.1 Transport channel parameters

6.10.2.4.1.51a.1.1.1 Transport channel parameters for Conversational / unknown / UL:64 kbps / CS RAB

See clause 6.10.2.4.1.13.2.1.1.

6.10.2.4.1.51a.1.1.2 Transport channel parameters for Interactive or Background / UL:8 kbps / PS RAB See clause 6.10.2.4.1.37.1.1.1.

6.10.2.4.1.51a.1.1.3 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

6.10.2.4.1.51a.1.1.4 TFCS

TFCS size	8
TFCS	(64 kbps Conversational RAB, 8 kbps I/B RAB, DCCH)=
	(TF0, TF0, TF0), (TF0, TF1, TF0), (TF0, TF0, TF1), (TF0, TF1, TF1),
	(TF1, TF0, TF0), (TF1, TF1, TF0), (TF1, TF0, TF1), (TF1, TF1, TF1)

6.10.2.4.1.51a.1.2 Physical channel parameters

DPCH	Min spreading factor	16
Uplink	Max number of DPDCH data bits/radio frame	2400
	Puncturing Limit	<del>0.88<u>0.72</u></del>

6.10.2.4.1.51a.2 Downlink

6.10.2.4.1.51a.2.1 Transport channel parameters

6.10.2.4.1.51a.2.1.1 Transport channel parameters for Conversational / unknown / DL:64 kbps / PS RAB See clause 6.10.2.4.1.13.2.1.1.

6.10.2.4.1.51a.2.1.2 Transport channel parameters for Interactive or Background / DL:8 kbps / PS RAB See clause 6.10.2.4.1.38b.2.1.1.

6.10.2.4.1.51a.2.1.3 Transport channel parameters for DL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.2.1.1.

6.10.2.4.1.51a.2.1.4 TFCS

TFCS size	8
TFCS	(64 kbps Conversational RAB, 8 kbps I/B RAB, DCCH)=
	(TF0, TF0, TF0), (TF0, TF1, TF0), (TF0, TF0, TF1), (TF0, TF1, TF1),
	( ( F1,  F0,  F0),  ( F1,  F1,  F0),  ( F1,  F0,  F1),  ( F1,  F1,  F1)

DPCH	DTX position		Flexible
Downlink	Spreading factor		32
	DPCCH	Number of TFCI bits/slot	8
		Number of TPC bits/slot	4
		Number of Pilot bits/slot	8
	DPDCH	Number of data bits/slot	140
		Number of data bits/frame	2100

#### 6.10.2.4.1.51a.2.2 Physical channel parameters

6.10.2.4.1.51b Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH

6.10.2.4.1.51b.1 Uplink

6.10.2.4.1.51b.1.1 Transport channel parameters

6.10.2.4.1.51b.1.1.1 Transport channel parameters for Conversational / unknown / UL:64 kbps / CS RAB See clause 6.10.2.4.1.13.1.1.1.

|--|

Higher layer	RAB/Signalling RB	RAB
RLC	Logical channel type	DTCH
	RLC mode	AM
	Payload sizes, bit	320
	Max data rate, bps	16000
	AMD PDU header, bit	16
MAC	MAC header, bit	0
	MAC multiplexing	N/A
Layer 1	TrCH type	DCH
	TB sizes, bit	336
	TFS TF0, bits	0x336
	TF1, bits	1x336
	TF2, bits	2x336
	TTI, ms	40
	Coding type	TC
	CRC, bit	16
	Max number of bits/TTI after channel coding	2124
	Uplink: Max number of bits/radio frame before rate matching	531
	RM attribute	135-175

6.10.2.4.1.51b.1.1.3 Transport channel parameters for UL:3.4 kbps SRBs for DCCH

See clause 6.10.2.4.1.2.1.1.1.

## 6.10.2.4.1.51b.1.1.4 TFCS

TFCS size	12	
TFCS	(64 kbps Conversational RAB, 16 kbps I/B RAB, DCCH)=	
	(TF0, TF0, TF0), (TF0, TF1, TF0), (TF0, TF2, TF0), (TF0, TF0, TF1), (TF0, TF1, TF1), (TF0,	
	TF2, TF1), (TF1, TF0, TF0), (TF1, TF1, TF0), (TF1, TF2, TF0), (TF1, TF0, TF1), (TF1, TF1,	
	TF1), (TF1, TF2, TF1)	

# 6.10.2.4.1.51b.1.2 Physical channel parameters

DPCH	Min spreading factor	16
Uplink	Max number of DPDCH data bits/radio frame	2400
	Puncturing Limit	<del>0.80</del> 0.64

#### 6.10.2.4.1.51b.2 Downlink

See clause 6.10.2.4.1.51.2.
## 3GPP TSG- T1/SIG Meeting #23 Lund, Sweden, 21<sup>st</sup>/24<sup>th</sup> May 2002

## 3GPP TSG–T1/SIG Meeting #22 Helsinki, Finland, 09-11 April 2002

# T1-020295

# Tdoc T1S-020127

	CR-Form-v4
	CHANGE REQUEST
¥	<b>34.108</b> CR <b>113</b> <sup>#</sup> ev _ <sup>#</sup> Current version: <b>4.2.1</b> <sup>#</sup>
For <u>HELP</u> on u	sing this form, see bottom of this page or look at the pop-up text over the $#$ symbols.
Proposed change	affects: # (U)SIM X ME/UE X Radio Access Network Core Network
<i>Title:</i> ដ	CR for 34.108 Rel4 Test USIM
Source: ೫	NTTDoCoMo
Work item code: भ	TEI Date: # 2002-04-02
Category: # Reason for change Summary of chang	A       Release: % REL-4         Use one of the following categories:       Use one of the following releases:         F (correction)       2         A (corresponds to a correction in an earlier release)       R96         B (addition of feature),       R97         C (functional modification of feature)       R97         D (editorial modification)       R99         D (editorial modification)       R99         D tetailed explanations of the above categories can be found in 3GPP TR 21.900.       REL-4         Reference document number is not correct.       Release 5)         e: % Reference document number is not correct.         ref **       "This clause defines default parameters for programming the elementary files of the test USIM. The requirements of this clause do not apply to the USIM/ME tests of TS34.123-1."         Modified to;       "This clause defines default parameters for programming the elementary files of the test USIM. The requirements of this clause do not apply to the USIM/ME
Consequences if	<pre>% Eror reference information will remain.</pre>
Clauses affected:	第 8.1
Other specs affected:	#       Other core specifications       #         Test specifications       0&M Specifications
Other comments:	X

### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: <u>http://www.3gpp.org/3G\_Specs/CRs.htm</u>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked <sup>𝔐</sup> 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

# 8 Test USIM Parameters

# 8.1 Introduction

This clause defines default parameters for programming the elementary files of the test USIM. The requirements of this clause do not apply to the USIM/ME tests of <u>3GPP TS31.120 and 3GPP TS31.121TS34.123-1</u>.

# T1-020296

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ж	<b>TS</b> 34	4.108	CR 1	14		жrev	-	ж	Current vers	ion:	4.2.1	ж
	Spec	Title:	Commo	on Test	Enviro	nments	for U	ser E	quipment (U	E)		ж
			Conform	nance <sup>-</sup>	Testing	)						
For <u>HELP</u>	on using	this for	m, see t	oottom	of this	page or	look	at the	e pop-up text	over ti	he ж syn	ibols.
Proposed char	nge affe	cts: Ж	(U)SI	M	ME/	UE X	Rad	io Ac	cess Networ	k	Core Ne	twork
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	Det	<b>D</b> (edi ailed exi	torial mod planations	<i>dification</i> s of the a	ı) above o	categorie	s can		R99 REL-4	(Relea (Relea	ise 1999) ise 4)	
	be	found in	3GPP TF	R 21.900	<u>)</u> .	g			REL-5	(Relea	ise 5)	
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Summary of cl	hange:	f In clau	ise 6.1 m	issing II	Es are a	dded.						
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		-	Schedu	ling info	ormatio	n alread	y inclu	ided ii	n Master Infor	mation	Block is a	deleted.
		-	Some v	alues ar	e corre	cted.						
		System	n Informa	ation Blo	ock typ	e 3, 4, 5,	6, 11	and 1	2 updated:			
		-	Cell se	election_	_and_re	selection	n_qual	lityr	neasure is not	used fo	or TDD	
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		-	Editor	ial corre	ections	in genera	ıl					
		-	Some	IEs are i	missing	<b>;</b> .						
		-	Block	SCTD i	ndicato	or is corre	ected f	for LC	CRTDD.			
		-	AC-to-	-ASC m	apping	is not P	resent	in SIE	36			
		From '	<u>Г1S-0202</u>	206 (Eri	csson C	<u>CR):</u>						
		In SIE	3 12, the	serving	g cell is	not inc	luded	, sinc	e it has alrea	ady bee	en includ	ed in
		SIB 1	<u>1.</u>									
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not approved:	
Clauses affected:	X
Other specs affected:	#       Other core specifications       #         Test specifications       0&M Specifications
Other comments:	# Affects Rel 99 and Rel '4 UE test cases
	References: T1S-010361r1, T1S-020021r3

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- 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 <u>ftp://ftp.3gpp.org/specs/</u> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

# 6 Reference System Configurations

This clause defines a number of Reference System Configurations which can be used for different tests.

# 6.1 Simulated network environments

The UE will eventually have to operate in either single mode networks (FDD or TDD) and dual mode networks (FDD+TDD).

It is <ffs> whether a reference environment needs to be defined for multi-mode networks (eg: the environment could be created by combining two appropriate reference environments from the single mode cases).

The following tables list the default parameters for 1 to 8 cell environments for testing.

In this clause, decimal values are normally used. However, sometimes a hexadecimal value, indicated by an "H", or a binary value, indicated by a "B" is used.

#### Contents of Master Information Block PLMN type is the case of GSM-MAP

- MIB value tag	1
- Supported PLMN types	
- PLMN type	GSM-MAP
- PLMN identity	
- MCC digit	Set to the same Mobile Country Codes stored in the test
	USIM card (TS 34.108 clause 8.3.2.2 EF IMSI(IMSI)).
- MNC digit	Set to the same Mobile Network Codesstored in the test
Ŭ	USIM card (TS 34.108 clause 8.3.2.2 EF IMSI(IMSI)).
- ANSI-41 Core Network information	Not Present
- References to other system information blocks	
and scheduling blocks	
- References to other system information	
blocks	
- Scheduling information	
- CHOICE Value tag	Cell Value Tag
- Cell Value tag	1
- Scheduling	
- SEG COUNT	1
- SIB REP	16
- SIB_POS	1
- SIB_POS offset info	Not Present – use default
- SIB type	Scheduling Block 1
- Scheduling information	
- CHOICE Value tag	PLMN Value tag
- PLMN Value tag	1
- SEG_COUNT	1
- SIB_REP	64
- SIB_POS	11
- SIB_POS offset info	Not Present – use default
- SIB type	System Information Type 1
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	1
- SIB_REP	64
- SIB_POS	11
- SIB_POS offset info	Not Present – use default
- SIB type	System Information Type 2
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	1
- SIB_REP	64
- SIB_POS	10
- SIB_POS offset info	Not Present – use default
- SIB type	System Information Type 3

- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	1
- SIB_REP	64
- SIB_POS	26
- SIB_POS offset info	Not Present – use default
- SIB type	System Information Type 4
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	4
- SIB_REP	64
- SIB_POS	19
- SIB_POS offset info	
- SIB_OFF	4
- SIB_OFF	2
- SIB_OFF	2
- SIB type	System Information Type 5

## Contents of Scheduling Block 1 (FDD and 1.28 Mcps TDD)

- References to other system information blocks	
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	4
- SIB_REP	64
- SIB_POS	3
- SIB_POS offset info	
- SIB_OFF	4
- SIB OFF	2
- SIB_OFF	2
- SIB type SIBs only	System Information Type 6
- Scheduling information	
- CHOICE Value tag	Not Present
- SEG COUNT	1
- SIB REP	16
- SIB_POS	2
- SIB_POS offset info	Not Present
- SIB type SIBs only	System Information Type 7
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG COUNT	3
- SIB_REP	64
- SIB_POS	29
- SIB_POS offset info	
- SIB_OFF	2
- SIB_OFF	2
- SIB type SIBs only	System Information Type 11
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	3
- SIB_REP	64
- SIB_POS	13
- SIB_POS offset info	
- SIB_OFF	2
- SIB_OFF	2
- SIB type SIBs only	System Information Type 12
- Scheduling information	
- CHOICE Value tag	PLMN Value tag
- PLMN Value tag	1
- SEG_COUNT	1
- SIB_REP	64
- SIB POS	18

<ul> <li>SIB_POS offset info</li> </ul>	Not Present
- SIB type SIBs only	System Information Type 18

## Contents of Scheduling Block 1 (3.84 Mcps TDD)

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Potoronooc to other oustam information blacks	
- References to other system information blocks	
- Scheduling Information	
CHOICE Value tag	Cell Value tag
Cell Value tag	4
SEG_COUNT	3
SIB_REP	128
	26
SIP DOS offect info	<b>E0</b>
	<u> </u>
	2
SIB type SIBs only	System Information Type 5
<ul> <li>Scheduling information</li> </ul>	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
	24
	<u><del>4</del></u>
	128
- SIB_POS	423
<ul> <li>SIB_POS offset info</li> </ul>	
- SIB_OFF	4
- SIB OFF	2
- SIB_OFF	2
- SIB type SIBs only	- System Information Type 6
Schoduling information	
- CHOICE Value tag	Not Present Cell Value tag
Cell Value tag	4
- SEG_COUNT	1
- SIB_REP	16 <del>128</del>
- SIB_POS	722
- SIB_POS offset info	Not Present – use default
- SIB type SIBs only	System Information Type 7
- SIB type SIBS only School uling information	System mornation Type 7
- Scheduling Information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	<u>23</u>
- SIB REP	64 <del>128</del>
- SIB_POS	5829
- SIB_POS offset info	
	2
	$\frac{2}{2}$
- SIB_OFF	
- SIB type SIBs only	System Information Type 11
<ul> <li>Scheduling information</li> </ul>	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	23
- SIB REP	64128
	12106
<u>- SIB_OFF</u>	2
- SIB_OFF	2
- SIB type SIBs only	System Information Type 12
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
SEC COUNT	1
	04
- SIB_POS	54
- SIB_POS offset info	Not Present - use default
- SIB type SIBs only	System Information Type 14
- Scheduling information	
- CHOICE Value tag	PLMN Value tag
	1
- SEG_COUNT	<del>0</del> 1

- SIB_REP	<u>64128</u>
- SIB_POS	74
- SIB_POS offset info	Not Present
	2
	2
	8
	4
	2
- SIB type SIBs only	System Information Type 186

## Contents of System Information Block type 1 (supported PLMN type is GSM-MAP)

- CN common GSM-MAP NAS system	
information	
<ul> <li>GSM-MAP NAS system information</li> </ul>	00 80H
- CN domain system information	
- CN domain identity	PS
- CHOICE CN Type	GSM-MAP
<ul> <li>CN domain specific NAS system information</li> </ul>	
<ul> <li>GSM-MAP NAS system information</li> </ul>	00 00H
- CN domain specific DRX cycle length	7
coefficient	
- CN domain identity	CS
- CHOICE CN Type	GSM-MAP
- CN domain specific NAS system information	
- GSM-MAP NAS system information	1E 01H
- CN domain specific DRX cycle length	7
coefficient	
- UE Timers and constants in idle mode	
-T300	4000 milliseconds
-N300	7
-T312	10 seconds
- N312	200
- UE Timers and constants in connected mode	
- T301	2000 milliseconds
- N301	2
- T302	4000 milliseconds
- N302	3
- T304	1000 milliseconds
- N304	3
- T305	60 minutes
- T307	50 seconds
- T308	320 milliseconds
- 1309	8 seconds
- 1310	320 milliseconds
- N310	5
- 1311	500 milliseconds
- 1312	5 seconds
- N312	200
- 1313	10 seconds
- N313	20
- 1314	20 seconds
- 1315	30 seconas
- N315	200
- 1317	1800 Seconds

## Contents of System Information Block type 2

- URA identity list	Only 1 URA identity broadcasted
- URA identity	0000 0000 0000 0001B

#### Contents of System Information Block type 3 (FDD)

SIB4 indicatorTRUE• Cell identity0000 0000 0000 0000 0000 0000 0000 00
- Cell identity0000 0000 0000 0000 0000 0000 0001B- Cell selection and re-selection infoNot Present- Cell selection_and_reselection_qualityCPICH RSCPmeasureFDD- CHOICE modeFDD- Sintrasearch16 dB- Sintrasearch16 dB- Sintrasearch16 dB- SaearchHCSNot Present- RAT ListThis parameter is configurable- SkittsGSM- Simit,SearchRAT-32 dB- Simit,SearchRAT-32 dB- Simit,SearchRAT-32 dB- Simit,SearchRATNot Present- Qiqualmin-20 dB- Qrxlevmin-115 dBm- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Cell BarredNot present- Cell Reserved for operator useNot preserved- Cell Reserved for operator useNot preserved- Call Reserved for operator useNot barred- Access Class Barred1Not barred- Access Class Barred0Not barred- Access Class Barred1Not barred
- Cell selection and re-selection info       Not Present         - Cell selection_and_reselection_quality       CPICH RSCP         measure       FDD         - CHOICE mode       FDD         - Sintrasearch       16 dB         - Sintrasearch       16 dB         - Sintrasearch       16 dB         - Sintrasearch       16 dB         - SaearchHCS       Not Present         - RAT List       This parameter is configurable         - SRAT       - 32 dB         - Shecs.RAT       Not Present         - Slimit.searchRAT       - 32 dB         - Qualmin       -20 dB         - Qrklevmin       - 115 dBm         - Qhyst1s       0 dB         - Qhyst2s       Not Present         - Treselections       0 seconds         - HCS Serving cell information       Not Present         - Cell Access Restriction       Not present         - Cell Reserved for operator use       Not present         - Cell Reserved for operator use       Not present         - Cell Reserved for operator use       Not preserved         - Cell Reserved for operator use       Not preserved         - Cell Reserved for operator use       Not preserved         - Cell Reserved for oper
- Mapping infoNot Present- Cell selection_and_reselection_quality measureCPICH RSCP- CHOICE modeFDD- Sintrasearch16 dB- Sintersearch16 dB- Sistersearch16 dB- SsearchHCSNot Present- RAT ListThis parameter is configurable- RAT identifierGSM- Ssearch,RAT-32 dB- ShCS,RATNot Present- Qqualmin-20 dB- Qrukermin-115 dBm- Qhyst1s0 dB- Maximum allowed UL TX power3dBm- Cell Access RestrictionNot Present- Cell BarredNot Present- Cell Reserved for operator useNot present- Cell Reserved for operator useNot present- Cell Reserved for operator useNot present- Cell Reserved for SamanaNot preserved- Access Class Barred0Not barred- Access Class Barred1Not barred- Access Class Barred1Not barred
- Cell selection_and_reselection_quality       CPICH RSCP         measure       FDD         - CHOICE mode       FDD         - Sintrasearch       16 dB         - SacarchHCS       Not Present         - RAT List       This parameter is configurable         - RAT identifier       GSM         - Ssearch,RAT       -32 dB         - Shesarch,RAT       -32 dB         - Simit,SearchRAT       Not Present         - Qualmin       -20 dB         - Orxlevmin       -115 dBm         - Qrylevnin       -115 dBm         - Qhyst1s       0 dB         - Ohyst2s       Not Present         - Treselections       0 seconds         - HCS Serving cell information       Not Present         - Cell Access Restriction       -         - Cell Access Restriction       Not present         - Traselections       Not present         - Cell Reserved for operator use       Not present         - Cell Reservation Extension       Not reserved
measure- CHOICE modeFDD- Sintrasearch16 dB- Sintrasearch16 dB- SsearchHCSNot Present- RAT ListThis parameter is configurable- RAT identifierGSM- Ssearch,RAT-32 dB- SHCS,RATNot Present- Slimit,SearchRATNot Present- Qqualmin-20 dB- Qrxlevmin-115 dBm- Qhyst1s0 dB- Ohyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot pareed- Call Reserved for Serving ExtensionNot barred- Access Class Barred ListNot barred- Access Class Barred 1Not barred
- CHOICE modeFDD- Sintrasearch16 dB- Sintersearch16 dB- SsearchHCSNot Present- RAT listThis parameter is configurable- RAT identifierGSM- Ssearch,RAT-32 dB- ShCS,RATNot Present- Slimit,SearchRATNot Present- Qqualmin-20 dB- Qrxlevmin-115 dBm- Qhyst1s0 dB- Ohyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Cell Access RestrictionNot barred- Thraaf requency cell re-selection indicatorNot present- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot reserved- Cell Reservation ExtensionNot reserved- Cell Reservation ExtensionNot present- Call Reserved for operator useNot reserved- Cell Reservation ExtensionNot present- Call Reservation ExtensionNot preserved- Cell Reservation ExtensionNot preserved- Cell Reservation ExtensionNot preserved- Access Class Barred0Not barred- Access Class Barred1Not barred
Sintrasearch16 dBSintersearch16 dBSsearchHCSNot PresentRAT ListThis parameter is configurableRAT identifierGSMSsearch,RAT-32 dBSHCS,RATNot PresentSlimit,SearchRATNot PresentQqualmin-20 dBQrxlevrnin-115 dBmQhyst1s0 dBQhyst2sNot PresentTreselections0 secondsHCS Serving cell informationNot PresentCell Access RestrictionNot barredTrasedNot barredCell Reserved for operator useNot presentCell Reserved for operator useNot reservedCell Reserved for operator useNot reservedAccess Class Barred0Not barredNot barredNot presertNot presertNot presertCell Reservation ExtensionNot parredNot parredNot parredNot parredNot parredNot parredNot parred
Sintersearch16 dBSsearchHCSNot PresentRAT ListThis parameter is configurableRAT identifierGSMSsearch,RAT-32 dBSHCS,RATNot PresentSlimit,SearchRATNot PresentQqualmin-20 dBQrxlevmin-115 dBmQhyst1s0 dBQhyst2sNot PresentTreselections0 secondsHCS Serving cell informationNot PresentCell Access RestrictionNot pareedIntra-frequency cell re-selection indicatorNot presentTbarredNot presentCell Reserved for operator useNot presentCell Reservation ExtensionNot reservedAccess Class Barred0Not barredAccess Class Barred1Not barred
SearchHCSNot PresentRAT ListThis parameter is configurableRAT identifierGSMSsearch,RAT-32 dBSHCS,RATNot PresentSlimit,SearchRATNot PresentQqualmin-20 dBQrkevmin-115 dBmQhyst1s0 dBQhyst2sNot PresentTreselections0 secondsHCS Serving cell informationNot PresentAximum allowed UL TX power33dBmCell Access RestrictionNot presentTraselectionsNot presentCell Access RestrictionNot presentCell Reserved for operator useNot presentCell Reservation ExtensionNot reservedAccess Class Barred0Not barredAccess Class Barred1Not barredAccess Class Barred1Not barred
- RAT ListThis parameter is configurable- RAT identifierGSM- Ssearch,RAT-32 dB- SHCS,RATNot Present- Slimit,SearchRATNot Present- Qqualmin-20 dB- Qrklevmin-115 dBm- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Cell barredNot present- Cell barredNot present- Tura-frequency cell re-selection indicatorNot present- Tura-frequency cell re-selection indicatorNot present- Cell Reserved for operator useNot reserved- Cell Reserved for operator useNot reserved- Cell Reserved for SamanNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred ListNot barred- Access Class Barred1Not barred
- RAT identifierGSM- Ssearch,RAT-32 dB- SHCS,RATNot Present- Slimit,SearchRATNot Present- Qqualmin-20 dB- Qrxlevmin-115 dBm- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- Teserved for operator useNot present- Cell Reserved for operator useNot reserved- Access Class Barred ListNot barred- Access Class Barred1Not barred- Access Class Barred1Not barred
- Ssearch,RAT-32 dB- SHCS,RATNot Present- Slimit,SearchRATNot Present- Qqualmin-20 dB- Qrxlevmin-115 dBm- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Cell Access Restriction33dBm- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- TobarredNot present- Cell Reserved for operator useNot reserved- Cell Reservation ExtensionNot preserved- Access Class Barred ListNot barred- Access Class Barred1Not barred- Access Class Barred1Not barred
SHCS,RATNot PresentSlimit,SearchRATNot PresentQqualmin-20 dBQrxlevmin-115 dBmQhyst1s0 dBQhyst2sNot PresentTreselections0 secondsHCS Serving cell informationNot PresentMaximum allowed UL TX power33dBmCell Access RestrictionNot barredIntra-frequency cell re-selection indicatorNot presentTotal Reserved for operator useNot reservedCell Reservation ExtensionNot reservedAccess Class Barred ListNot barredAccess Class Barred0Not barredAccess Class Barred1Not barred
Slimit,SearchRATNot PresentQqualmin-20 dBQrxlevmin-115 dBmQhyst1s0 dBQhyst2sNot PresentTreselections0 secondsHCS Serving cell informationNot PresentMaximum allowed UL TX power33dBmCell Access RestrictionNot barred- Cell barredNot barredIntra-frequency cell re-selection indicatorNot present- T_barredNot present- Cell Reservation ExtensionNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred ListNot barred- Access Class Barred0Not barred- Access Class Barred1Not barred
- Qqualmin-20 dB- Qrxlevmin-115 dBm- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Maximum allowed UL TX power33dBm- Cell Access Restriction-Cell barred- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- T <sub>barred</sub> Not present- Cell Reserved for operator useNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred ListNot barred- Access Class Barred0Not barred- Access Class Barred1Not barred
- Qrxlevmin-115 dBm- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Maximum allowed UL TX power33dBm- Cell Access Restriction- Cell barred- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- T <sub>barred</sub> Not present- Cell Reserved for operator useNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred List- Access Class Barred0- Access Class Barred1Not barred
- Qhyst1s0 dB- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Maximum allowed UL TX power33dBm- Cell Access Restriction Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- T <sub>barred</sub> Not present- Cell Reserved for operator useNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred List Access Class Barred0Not barred- Access Class Barred1Not barred
- Qhyst2sNot Present- Treselections0 seconds- HCS Serving cell informationNot Present- Maximum allowed UL TX power33dBm- Cell Access Restriction33dBm- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- TbarredNot present- Cell Reserved for operator useNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred ListNot barred- Access Class Barred0Not barred- Access Class Barred1Not barred
- Treselections       0 seconds         - HCS Serving cell information       Not Present         - Maximum allowed UL TX power       33dBm         - Cell Access Restriction       33dBm         - Cell barred       Not barred         - Intra-frequency cell re-selection indicator       Not present         - T <sub>barred</sub> Not present         - Cell Reserved for operator use       Not reserved         - Cell Reservation Extension       Not reserved         - Access Class Barred List       -         - Access Class Barred0       Not barred         - Access Class Barred1       Not barred
- HCS Serving cell informationNot Present- Maximum allowed UL TX power33dBm- Cell Access Restriction33dBm- Cell barredNot barred- Intra-frequency cell re-selection indicatorNot present- TbarredNot present- Cell Reserved for operator useNot reserved- Cell Reservation ExtensionNot reserved- Access Class Barred ListNot barred- Access Class Barred0Not barred- Access Class Barred1Not barred
<ul> <li>Maximum allowed UL TX power</li> <li>Cell Access Restriction</li> <li>Cell barred</li> <li>Intra-frequency cell re-selection indicator</li> <li>Tbarred</li> <li>Not present</li> <li>Cell Reserved for operator use</li> <li>Cell Reservation Extension</li> <li>Access Class Barred List</li> <li>Access Class Barred0</li> <li>Not barred</li> <li>Not barred</li> </ul>
- Cell Access Restriction       Not barred         - Cell barred       Not barred         - Intra-frequency cell re-selection indicator       Not present         - T <sub>barred</sub> Not present         - Cell Reserved for operator use       Not reserved         - Cell Reservation Extension       Not reserved         - Access Class Barred List       - Access Class Barred0         - Access Class Barred1       Not barred
- Cell barred     Not barred       - Intra-frequency cell re-selection indicator     Not present       - T <sub>barred</sub> Not present       - Cell Reserved for operator use     Not reserved       - Cell Reservation Extension     Not reserved       - Access Class Barred List     Not barred       - Access Class Barred0     Not barred       - Access Class Barred1     Not barred
<ul> <li>Intra-frequency cell re-selection indicator</li> <li>T<sub>barred</sub></li> <li>Cell Reserved for operator use</li> <li>Cell Reservation Extension</li> <li>Access Class Barred List</li> <li>Access Class Barred0</li> <li>Access Class Barred1</li> <li>Not barred</li> </ul>
- T <sub>barred</sub> Not present       - Cell Reserved for operator use     Not reserved       - Cell Reservation Extension     Not reserved       - Access Class Barred List     Not barred       - Access Class Barred1     Not barred
- Cell Reserved for operator use     - Cell Reservation Extension     - Access Class Barred List     - Access Class Barred0     - Access Class Barred1     Not barred
- Cell Reservation Extension     - Access Class Barred List     - Access Class Barred0     - Access Class Barred1     Not barred     Not barred
- Access Class Barred List     - Access Class Barred0     Not barred     Not barred     Not barred
- Access Class Barred0 Not barred
- Access Class Barred1 Not barred
- Access Class Barred2 Not barred
- Access Class Barred3 Not barred
- Access Class Barred4 Not barred
- Access Class Barred5 Not barred
- Access Class Barred6 Not barred
- Access Class Barred7 Not barred
- Access Class Barred8 Not barred
- Access Class Barred9 Not barred
- Access Class Barred10 Not barred
- Access Class Barred11 Not barred
- Access Class Barred12 Not barred
- Access Class Barred13 Not barred
- Access Class Barred14 Not barred
- Access Class Barred15 Not barred

Contents of System Information Block type 3 (3.84 Mcps TDD and 1.28 Mcps TDD)

- SIB4 Indicator	TRUE
- Cell identity	0000 0000 0000 0000 0000 0000 0001B
- Cell selection and re-selection info	
- Mapping info	Not present
- Cell selection and reselection quality -	(no data) <del>CPICH RSCP</del>
measure	
- CHOICE mode	TDD
- Sintrasearch	10 dB
- Sintersearch	10 dB
- SsearchHCS	Not present
- RAT List	This parameter is configurable
- RAT identifier	GSM
- Ssearch,RAT	-32 dB
- SHCS,RAT	Not present
- Slimit,ShearchRAT	Not Present
- Qrxlevmin	-103 <del>115</del> dBm
- Qhyst1s	0 dB
- Treselections	0 seconds
- HCS Serving cell information	Not present
- Maximum allowed UL TX power	30dBm
- Cell Access Restriction	
- Cell barred	Not barred
- Intra-frequency cell re-selection indicator	Not present
- T <sub>barred</sub>	Not present
- Cell Reserved for operator use	Not reserved
- Cell Reservation Extension	Not reserved
- Access Class Barred List	
- Access Class Barred0	Not barred
- Access Class Barred1	Not barred
- Access Class Barred2	Not barred
- Access Class Barred3	Not barred
- Access Class Barred4	Not barred
- Access Class Barred5	Not barred
- Access Class Barred6	Not barred
- Access Class Barred7	Not barred
- Access Class Barred8	Not barred
- Access Class Barred9	Not barred
- Access Class Barred10	Not barred
- Access Class Barred11	Not barred
- Access Class Barred12	Not barred
- Access Class Barred13	Not barred
- Access Class Barred14	Not barred
- Access Class Barred15	Not barred

Contents of System Information Block type 4 in connected mode (FDD)

	_
- Cell identity	0000 0000 0000 0000 0000 0000 0001B
- Cell selection and re-selection info	
- Mapping Info	Not present
<ul> <li>Cell_selection_and_reselection_quality</li> </ul>	CPICH RSCP
measure	
- CHOICE mode	FDD
- Sintrasearch	16 dB
- Sintersearch	16 dB
- SsearchHCS	Not present
- RAT List	This parameter is configurable
- RAT identifier	GSM
- Ssearch,RAT	-32 dB
- SHCS,RAT	Not Present
- Slimit.SearchRAT	Not Present
- Qqualmin	-20 dB
- Qrxlevmin	-115 dBm
- Qhyst1s	0 dB
- Qhyst2s	Not Present
- Treselections	0 seconds
- HCS Serving cell information	Not Present
- Maximum allowed UL TX power	33dBm
- Cell Access Restriction	
- Cell barred	Not barred
- Intra-frequency cell re-selection indicator	Not present
- T <sub>barred</sub>	Not present
- Access Class Barred	Not barred
- Cell Reserved for operator use	Not reserved
- Cell Reservation Extension	Not reserved
- Access Class Barred List	
- Access Class Barred0	Not barred
- Access Class Barred1	Not barred
- Access Class Barred2	Not barred
- Access Class Barred3	Not barred
- Access Class Barred4	Not barred
- Access Class Barred5	Not barred
- Access Class Barred6	Not barred
- Access Class Barred7	Not barred
- Access Class Barred8	Not barred
- Access Class Barred9	Not barred
- Access Class Barred10	Not barred
- Access Class Barred11	Not barred
- Access Class Barred12	Not barred
- Access Class Barred13	Not barred
- Access Class Barred14	Not barred
- Access Class Barred15	Not barred

Contents of System Information Block type 4 in connected mode (similar to SIB type3)
(3.84 Mcps TDD and 1.28 Mcps TDD)

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_	、 ·	
	- Cell identity	0000 0000 0000 0000 0000 0000 0001B
	<ul> <li>Cell selection and re-selection info</li> </ul>	
	- Mapping info	Not Present
	<ul> <li>Cell_selection_and_reselection_quality_</li> </ul>	(no data)CPICH RSCP
	measure	
	- CHOICE mode	TDD
	- Sintrasearch	10 dB
	- Sintersearch	10 dB
	- SsearchHCS	Not present
	- RAT List	This parameter is configurable
	- RAT identifier	GSM
	- Ssearch,RAT	-32 dB
	- SHCS,RAT	Not present
	- Slimit.ShearchRAT	Not Present
	- Qrxlevmin	-103 <del>115</del> dBm
	- Qhyst1s	0 dB
	- Treselections	0 seconds
	- HCS Serving cell information	Not present
	- Maximum allowed UL TX power	30dBm
	- Cell Access Restriction	
	- Cell barred	Not barred
	- Intra-frequency cell re-selection indicator	Not present
	- T <sub>barred</sub>	Not present
	- Cell Reserved for operator use	Not reserved
	- Cell Reservation Extension	Not reserved
	- Access Class Barred List	
	- Access Class Barred0	Not barred
	- Access Class Barred1	Not barred
	- Access Class Barred2	Not barred
	- Access Class Barred3	Not barred
	- Access Class Barred4	Not barred
	- Access Class Barred5	Not barred
	- Access Class Barred6	Not barred
	- Access Class Barred7	Not barred
	- Access Class Barred8	Not barred
	- Access Class Barred9	Not barred
	- Access Class Barred10	Not barred
	- Access Class Barred11	Not barred
	- Access Class Barred12	Not barred
	- Access Class Barred13	Not barred
	- Access Class Barred14	Not barred
	- Access Class Barred15	Not barred

Contents of System Information Block type 5 (FDD)

Γ	- SIB6 indicator	TRUE
	- PICH Power offset	-5 0B
	- CHOICE Mode	FDD
	- AICH Power offset	5 dB
	- Primary CCPCH info	
	TV Diversity indicator	
	- IX Diversity indicator	FALSE
	<ul> <li>PRACH system information list</li> </ul>	
	<ul> <li>PRACH system information</li> </ul>	
	- PRACH info	
	- Available Signature	'0000 0000 1111 1111'B
	- Available SF	64
	<ul> <li>Preamble scrambling code number</li> </ul>	0
	- Puncturing Limit	1.00
	Available Sub Channel number	
	- Transport Channel Identity	15
	- RACH TFS	
	- CHOICE Transport channel type	Common transport channels
	- Dynamic Transport format information	
		169
		100
	- Number of TB and TTT List	
	<ul> <li>Number of Transport blocks</li> </ul>	1
	- CHOICE Mode	FDD
	- CHOICE Logical Channel List	Configured
	- RI C size	360
	Number of TD and TTL List	
	- Number of TB and TTT LIST	
	<ul> <li>Number of Transport blocks</li> </ul>	1
	- CHOICE Mode	FDD
	- CHOICE Logical Channel List	Configured
	- Semi-static Transport Format information	gara gara gara gara gara gara gara gara
	Transmission time interval	20 mg
	- Transmission time interval	
	<ul> <li>Type of channel coding</li> </ul>	Convolutional
	- Coding Rate	1/2
	- Rate matching attribute	150
	- CRC size	16
	- Normal	
	- TFCI Field 1 information	
	<ul> <li>CHOICE TFCS representation</li> </ul>	Complete reconfiguration
	- TFCS complete information	
	- CHOICE CTEC Size	2 hit
	CTEC information	
	- CIFC Information	0
	- Power offset information	
	- CHOICE Gain Factors	Computed Gain Factor
	- Reference TFC ID	0
	- CHOICE Mode	FDD
	- Power offset Pp-m	0 dB
	- CTEC information	1
	Dower offect information	
	- Power onset information	
	- CHOICE Gain Factors	Signalled Gain Factor
	- Gain factor ßc	11
	- Gain factor ßd	15
	- Reference TFC ID	0
	- CHOICE Mode	
	- Power onset Pp-m	0 dB
	- PRACH partitioning	
	- Access Service Class	
	- ASC Setting	
	- CHOICE mode	FDD
	- Available signature Start Index	
	Available signature Start Index	
	- Available signature End Index	
	- Assigned Sub-channel Number	11111 <sup>B</sup>
	- ASC Setting	
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#1)
	Available signature Start Index	7 (ASC#1)
	- Available signature End index	
1	<ul> <li>Assigned Sub-channel Number</li> </ul>	11111 <sup>·</sup> B

- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#2)
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#2)
<ul> <li>Assigned Sub-channel Number</li> </ul>	'1111'B
- ASC Setting	
- CHOICE mode	FDD
<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#3)
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#3)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#4)
- Available signature End Index	7 (ASC#4)
- Assigned Sub-channel Number	1111 B
CHOICE mode	EDD
- Available signature Start Index	0 (ASC # 5)
- Available signature End Index	7 (ASC#5)
- Assigned Sub-channel Number	11111'B
- ASC Setting	IIIIB
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#6)
- Available signature End Index	7 (ASC#6)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#7)
- Available signature End Index	7 (ASC#7)
- Assigned Sub-channel Number	'1Ì11'B
- Persistence scaling factor	
- Persistence scaling factor	0.9 (for ASC#2)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#3)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#4)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#5)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#6)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#7)
- AC-to-ASC mapping table	
- AC-to-ASC mapping	6 (AC0-9)
- AC-to-ASC mapping	5 (AC10)
- AC-to-ASC mapping	4 (AC11)
- AC-to-ASC mapping	3 (AC12)
- AC-to-ASC mapping	2 (AC13) 1 (AC14)
- AC-to-ASC mapping	1 (AC14) = 0 (AC15)
- AC-IO-ASC mapping	31
- Constant value	-10
- PRACH power offset	10
- Power Ramp Step	3dB
- Preamble Retrans Max	2
- RACH transmission parameters	
- Mmax	2
- NB01min	3 slot
- NB01max	10 slot
- AICH info	
- Channelisation code	3
- STTD indicator	FALSE
- AICH transmission timing	0
- Secondary CCPCH system information	
- Secondary CCPCH info	
- Primary CPICH usage for channel estimation	Primary CPICH may be used
- Secondary CPICH into	Not Present
- Secondary scrampling code	
- STID Inducator	FALSE 64
- Opteaulity lactor	0 <del>4</del> 1
- Pilot symbol existence	FALSE
- TFCI existence	TRUE
- Fixed or Flexible position	Flexible

- Timing offset	0
- TFCS	(This IE is repeated for TFC number for PCH and FACH.)
- Normal	
- TFCI Field 1 information	
<ul> <li>CHOICE TFCS representation</li> </ul>	Complete reconfiguration
- TFCS complete information	
- CHOICE CTFC Size	4 bit
- CTFC information	0
<ul> <li>Power offset information</li> </ul>	Not Present
- CTFC information	1
- Power offset information	Not Present
- CTFC information	2
- Power offset information	Not Present
- CTFC information	3
- Power offset information	Not Present
- CTFC information	4
<ul> <li>Power offset information</li> </ul>	Not Present
- CTFC information	5
- Power offset information	Not Present
- CTFC information	6
- Power offset information	Not Present
- CTFC information	8
- Power offset information	Not Present
- CTEC information	10
- Power offset information	Not Present
- FACH/PCH information	Nothiosofic
- TES	(PCH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
	240
- Number of TB and TTL List	240
- Number of Transport blocks	0
- Number of Transport blocks	1
Somi static Transport Format information	ALL
- Semi-Static Transport Format Information	10 ms
- Transmission line interval	Convolutional
- Type of charmer coung Coding Pate	
- County Rale	1/2
- Rate matching attribute	200 16 hit
- GRU SIZE Transport Channel Identity	10 DIL 12 (for DCH)
- Transport Channel Identity	
- IFO CHOICE Transport shannel type	(FACH) Common transport observals
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	168
- RLC Size	168
- Number of Transport blocks	0
- Number of Transport blocks	
- Number of Transport blocks	
- Number of Transport blocks	
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format Information	10
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	220
- mansport channel identity	
- CTCH indicator	FALSE
	(FAUH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	000
	360
- Number of TB and III List	
- Number of Transport blocks	U

- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Turbo
- Rate matching attribute	130
- CRC size	16bit
- Transport Channel Identity	14 (for FACH)
- CTCH indicator	FALSE
- PICH info	
- Channelisation code	2
- Number of PI per frame	18
- STTD indicator	FALSE
- CBS DRX Level 1 information	Not Present

# Contents of System Information Block type 5 (3.84 Mcps TDD)

l

- SIB6 indicator	TRUE
- PICH Power offset	-5 dB
- CHOICE Mode	TDD
- PUSCH system information	Not Present
- PDSCH system information	Not Present
- TDD open loop power control	
- Primary CCPCH Tx Power	30 dbm
- CHOICE TOD ontion	3.84 Mons TDD /REL-4/
	(1/8)
- PRACH Constant Value	-10
- DPCH Constant Value	-10
PLISCH Constant Value	10
- FOSCIT Constant Value	-10 Not Present /PEL 4/
- OE positioning related parameters	NOL PIESEIIL /REL-4/
- Philliary CCPCH Into	
	3.84 MCpS TDD /REL-4/
- CHOICE SyncCase	Sync Case 2
- Cell parameters ID	Not Present
- Block SCID indicator	FALSE
- PRACH system information list	
- PRACH system information	
- PRACH info	
- CHOICE mode	TDD
- CHOICE TDD option	3.84 Mcps TDD /REL-4/
- Timeslot number	14
- PRACH Channelisation Code List	070
- CHOICE SF	SF8
- Channelisation Code List	
- Channelisation Code	8/1
- Channelisation Code	8/2
- Channelisation Code	8/3
- Channelisation Code	8/4
- PRACH Midamble	Direct
- PNBSCH allocation	Not Present /REL-4/
- Transport Channel Identity	15
- RACH TFS	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC size	Reference clause 6.10 Parameter Set
<ul> <li>Number of TB and TTI List</li> </ul>	Reference clause 6.10 Parameter Set
<ul> <li>Number of Transport blocks</li> </ul>	Reference clause 6.10 Parameter Set
- CHOICE Mode	TDD
<ul> <li>Transmission Time Interval</li> </ul>	Not Present
- CHOICE Logical Channel List	Configured ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	Reference clause 6.10 Parameter Set
- Type of channel coding	Reference clause 6.10 Parameter Set
- Coding Rate	Reference clause 6.10 Parameter Set
- Rate matching attribute	Reference clause 6.10 Parameter Set
- CRC size	Reference clause 6.10 Parameter Set

- RACH TFCS	Not present
- PRACH partitioning	
- Access Service Class	
- ASC Settings	(ASC#0)
- CHOICE mode	TDD
- CHOICE TDD option	3.84 Mcps TDI
- Available Channelisation codes indices	Not Present (D
- CHOICE subchannel size	Size1
- Available Subchannels	null (ASC#1)
- CHOICE mode	
- CHOICE TDD option	3 84 Mcns TDI
- Available Channelisation codes indices	Not Present (
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#2)
- CHOICE mode	TDD
- CHOICE TDD option	3.84 Mcps TDI
- Available Channelisation codes indices	Not Present (D
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#3) TOD
- CHOICE TDD option	3 84 Mcns TDI
- Available Channelisation codes indices	Not Present (D
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#4)
- CHOICE mode	TDD
- CHOICE TDD option	3.84 Mcps TDI
- Available Channelisation codes indices	Not Present (D
- CHOICE subchannel size	Size1
- Available Subchannels	null (ASC#E)
- ASC Settings	(ASC#5) TOD
- CHOICE TIDD option	3.84 Mens TDI
- Available Channelisation codes indices	Not Present (
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#6)
- CHOICE mode	TDD
- CHOICE TDD option	3.84 Mcps TDI
- Available Channelisation codes indices	Not Present (D
- CHOICE subchannel size	Size1
- Available Subchannels	nuli
- Access Service Class	
- Persistence scaling factor	0.9 (for ASC#2
- Persistence scaling factor	0.9 (for ASC#3
- Persistence scaling factor	0.9 (for ASC#4
- Persistence scaling factor	0.9 (for ASC#5
- Persistence scaling factor	0.9 (for ASC#6
- AC-to-ASC mapping	
- AC-to-ASC mapping table	
- AC-to-ASC mapping	6 (AC0-9)
- AC-TO-ASC mapping	5 (AC10)
- AC-to-ASC mapping	4 (AC11) 3 (AC12)
- AC-to-ASC mapping	2 (AC13)
- AC-to-ASC mapping	1 (AC14)
- AC-to-ASC mapping	0 (AC15)
- CHOICE mode	TDD (no data)
- Secondary CCPCH system information	. ,
- Secondary CCPCH system information	
- Secondary CCPCH info	
- CHOICE mode	rdd
- UIISEI	U
- Common umesiot inio	Framo
- 2 Interieaving mode	riante

s TDD ent (Default all) SC#2) SC#3) SC#4) SC#5) SC#6)

- TFCI coding Reference clause 6.10 Parameter Set - Puncturing limit Reference clause 6.10 Parameter Set - Repetition period Not Present (MD "1") - Repetition length Not present (empty) - Individual timeslot info - - CHOICE TDD option 3.84 Mcps TDD -- Timeslot number 1 - TFCI existence Reference clause 6.10 Parameter Set - Midamble Shift and burst type - CHOICE TDD option 3.84 Mcps TDD - CHOICE Burst Type Type 1 - Midamble Allocation Mode Default midamble - Midamble configuration burst type 1 and 3 --Midamble Shift Not Present - CHOICE TDD option 3.84 Mcps TDD - no data - Code List - Channelisation Code (This IE is repeated for Code number for PCH and FACH) (This IE is repeated for TFC number for PCH and - TFCS FACH.) -CHOICE TFCI signalling - Normal - TFCI Field 1 information Complete reconfiguration Addition - CHOICE TFCS representation - TFCS complete addition information - CHOICE CTFC Size Number of bits used must be enough to cover all combinations of CTFC from clause 6.10. - CTFC information Reference clause 6.10 Parameter Set - Power offset information Not Present - FACH/PCH information - TFS (PCH) - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.) - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Reference clause 6.10 Parameter Set - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate - Rate matching attribute Reference clause 6.10 Parameter Set - CRC size Reference clause 6.10 Parameter Set - Transport Channel Identity 12 (for PCH) - CTCH indicator FALSE - TFS (FACH) - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.) - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Reference clause 6.10 Parameter Set - CHOICE Logical Channel List ALL - Semi-static Transport Format information Reference clause 6.10 Parameter Set - Transmission time interval - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - CRC size - Transport Channel Identity 13 (for FACH) - CTCH indicator FALSE - TFS (FACH) Common transport channels - CHOICE Transport channel type - Dynamic Transport format information (This IE is repeated for TFI number.)

Ι	<ul> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>CHOICE Logical Channel List</li> <li>Semi-static Transport Format information</li> </ul>	Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set <u>TDD</u> FDD ALL
	- Transmission time interval	Reference clause 6.10 Parameter Set
	- Type of channel coding	Reference clause 6.10 Parameter Set
	- Coding Rate	Reference clause 6.10 Parameter Set
	<ul> <li>Rate matching attribute</li> </ul>	Reference clause 6.10 Parameter Set
	- CRC size	Reference clause 6.10 Parameter Set
	- Transport Channel Identity	14 (for FACH)
	- CTCH indicator	FALSE
	- PICH info	700
i i	- CHOICE mode	IDD
	Channelisation code	<del>16/16</del>
	- CHOICE IDD option	3.84 Mcps IDD
	Limeslot number	0
	- Midamble shift and burst type	Time 4
	CHOICE Burst Type	Type 1
	- Channelisation code	
	Repetition period/length	04/2
	OIISEL Boging indicator length	
		4
	Ngap	
I	- CBS DBX Level 1 information	Not Present

Contents of System Information Block type 5 (1.28 Mcps TDD)

	•			
ſ	- SIB6 indicator		TRUE	
			INOL	
	- PICH Power offset		-5 dB	
	CHOICE Mada		חחד	
	<ul> <li>PUSCH system information</li> </ul>		Not Present	
			Not Procent	
	- I DOOT System information		Not Flesent	
	<ul> <li>IDD open loop power control</li> </ul>			
	- Primary CCPCH Tx Power		30 dhm	
	- CHOICE IDD option		1.28 Mcps IDD	/REL-4/
	- no data			
	- Primary CCPCH into			
	- CHOICE mode		TOD	
	- CHOICE IDD option		1.28 MCps TDD	/REL-4/
	- TSTD indicator		FALSE	
			Net Dresset	
	- Cell parameters ID		Not Present	
	- Block SCTDSTTD indicator		FALSE	
	DDACLI eventeres information list			
	- PRACH system information list			
	<ul> <li>PRACH system information</li> </ul>			
	DBACH info			
	- CHOICE mode		TDD	
	CHOICE TOD option		1 29 Mone TDD	
			1.20 Micps 100	/I\LL=4/
	- SYNC_UL info			
	- SYNC III codes hitman		"11111111"	
	- UL Target SIR		10 dB	
	- Power Ramping Step		3 dB	
	- Max SYNC_UL Transmissions		8	
	- Mmax		32	
	DDAOLL definition		62	
	- PRACH definition			
	- Timeslot number			
			1 00 Mara TDD	
				/KEL-4/
	- Timeslot number		1	
	DDACH Channelization Code List			
	- FRACH Channelisation Code List			
	<ul> <li>Channelisation Code List</li> </ul>			
	Channelisation Code		(9/1)	
	- Charmensation Code		(0/1)	
	<ul> <li>Midamble Shift and burst type</li> </ul>			
	CHOICE TOD option		1 29 Mone TDD	
			1.20 10005 100	/I\LL=4/
	<ul> <li>Midamble Allocation Mode</li> </ul>		Default midamble	
	- Midamble configuration		8	
			0	
	- Midamble Shift		Not present	
	- FPACH info		-	
			•	
	- Limeslot number		6	
	- Channelisation code		(16/16)	
	Midambha Obift an dhumat tura		(10/10)	
	- ivildample Shift and burst type			
	- CHOICE TDD option		1.28 Mcps TDD	/REL-4/
	Midamble Allegation Made		Common Midamble	
	<ul> <li>Midamble configuration</li> </ul>		8	
	- Midamble Shift		Not present	
			i pieselli	
	- WT		4	
	- PNBSCH allocation		Not Present /REI	-4/
				1/
	- Transport Channel Identity		15	
	- RACH TFS			
			Common transport	hannala
			Common transport o	mannels
	- CHOICE Transport channel type			
	- CHOICE Transport channel type - Dynamic Transport format information			
	- CHOICE Transport channel type     - Dynamic Transport format information     - RLC size		Reference clause 6	10 Parameter Set
	- CHOICE Transport channel type     - Dynamic Transport format information     - RLC size		Reference clause 6.	10 Parameter Set
	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> </ul>		Reference clause 6. Reference clause 6.	10 Parameter Set 10 Parameter Set
	- CHOICE Transport channel type     - Dynamic Transport format information     - RLC size     - Number of TB and TTI List     - Number of Transport blocks		Reference clause 6. Reference clause 6. Reference clause 6	10 Parameter Set 10 Parameter Set 10 Parameter Set
	- CHOICE Transport channel type     - Dynamic Transport format information     - RLC size     - Number of TB and TTI List     - Number of Transport blocks     CLOICE Made		Reference clause 6. Reference clause 6. Reference clause 6.	10 Parameter Set 10 Parameter Set 10 Parameter Set
	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> </ul>		Reference clause 6. Reference clause 6. Reference clause 6. TDD	10 Parameter Set 10 Parameter Set 10 Parameter Set
	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> </ul>		Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present	10 Parameter Set 10 Parameter Set 10 Parameter Set
1	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> <li>CHOICE Logical Channel List</li> </ul>		Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present	10 Parameter Set 10 Parameter Set 10 Parameter Set
	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> <li>CHOICE Logical Channel List</li> </ul>		Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present <u>Configured</u> ALL	10 Parameter Set 10 Parameter Set 10 Parameter Set
I	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> <li>CHOICE Logical Channel List</li> <li>Semi-static Transport Format information</li> </ul>	'n	Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present <u>Configured</u> ALL	10 Parameter Set 10 Parameter Set 10 Parameter Set
I	- CHOICE Transport channel type     - Dynamic Transport format information     - RLC size     - Number of TB and TTI List     - Number of Transport blocks     - CHOICE Mode     - Transmission Time Interval     - CHOICE Logical Channel List     - Semi-static Transport Format informatic     - Transmission time interval	'n	Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present <u>Configured</u> ALL	10 Parameter Set 10 Parameter Set 10 Parameter Set
Ι	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> <li>CHOICE Logical Channel List</li> <li>Semi-static Transport Format information</li> <li>Transmission time interval</li> </ul>	'n	Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present <u>Configured</u> ALL Reference clause 6.	10 Parameter Set 10 Parameter Set 10 Parameter Set
I	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> <li>CHOICE Logical Channel List</li> <li>Semi-static Transport Format informatic</li> <li>Transmission time interval</li> <li>Type of channel coding</li> </ul>	'n	Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present <u>Configured</u> ALL Reference clause 6. Reference clause 6.	10 Parameter Set 10 Parameter Set 10 Parameter Set 10 Parameter Set 10 Parameter Set
I	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> <li>CHOICE Logical Channel List</li> <li>Semi-static Transport Format informatic</li> <li>Transmission time interval</li> <li>Type of channel coding</li> <li>Coding Rate</li> </ul>	'n	Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present <u>Configured</u> ALL Reference clause 6. Reference clause 6.	10 Parameter Set 10 Parameter Set 10 Parameter Set 10 Parameter Set 10 Parameter Set 10 Parameter Set
I	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> <li>CHOICE Logical Channel List</li> <li>Semi-static Transport Format information</li> <li>Transmission time interval</li> <li>Type of channel coding</li> <li>Coding Rate</li> </ul>	'n	Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present <u>Configured</u> ALL Reference clause 6. Reference clause 6. Reference clause 6.	10 Parameter Set 10 Parameter Set 10 Parameter Set 10 Parameter Set 10 Parameter Set 10 Parameter Set
ļ	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> <li>CHOICE Logical Channel List</li> <li>Semi-static Transport Format informatic</li> <li>Transmission time interval</li> <li>Type of channel coding</li> <li>Coding Rate</li> <li>Rate matching attribute</li> </ul>	'n	Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present <u>Configured</u> ALL Reference clause 6. Reference clause 6. Reference clause 6. Reference clause 6.	10 Parameter Set 10 Parameter Set
I	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> <li>CHOICE Logical Channel List</li> <li>Semi-static Transport Format informatic</li> <li>Transmission time interval</li> <li>Type of channel coding</li> <li>Coding Rate</li> <li>Rate matching attribute</li> <li>CRC size</li> </ul>	'n	Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present <u>Configured</u> ALL Reference clause 6. Reference clause 6. Reference clause 6. Reference clause 6. Reference clause 6.	10 Parameter Set 10 Parameter Set
I	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> <li>CHOICE Logical Channel List</li> <li>Semi-static Transport Format information</li> <li>Transmission time interval</li> <li>Type of channel coding</li> <li>Coding Rate</li> <li>Rate matching attribute</li> <li>CRC size</li> </ul>	n	Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present Configured ALL Reference clause 6. Reference clause 6. Reference clause 6. Reference clause 6. Reference clause 6. Net present	10 Parameter Set 10 Parameter Set
I	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> <li>CHOICE Logical Channel List</li> <li>Semi-static Transport Format informatic</li> <li>Transmission time interval</li> <li>Type of channel coding</li> <li>Coding Rate</li> <li>Rate matching attribute</li> <li>CRC size</li> <li>RACH TFCS</li> </ul>	'n	Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present <u>Configured</u> ALL Reference clause 6. Reference clause 6. Reference clause 6. Reference clause 6. Reference clause 6. Not present	10 Parameter Set 10 Parameter Set
I	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> <li>CHOICE Logical Channel List</li> <li>Semi-static Transport Format informatic</li> <li>Transmission time interval</li> <li>Type of channel coding</li> <li>Coding Rate</li> <li>Rate matching attribute</li> <li>CRC size</li> <li>RACH TFCS</li> <li>PRACH partitioning</li> </ul>	'n	Reference clause 6. Reference clause 6. Reference clause 6. TDD Not Present <u>Configured</u> ALL Reference clause 6. Reference clause 6. Reference clause 6. Reference clause 6. Not present	10 Parameter Set 10 Parameter Set
I	<ul> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>Transmission Time Interval</li> <li>CHOICE Logical Channel List</li> <li>Semi-static Transport Format information</li> <li>Transmission time interval</li> <li>Type of channel coding</li> <li>Coding Rate</li> <li>Rate matching attribute</li> <li>CRC size</li> <li>RACH TFCS</li> <li>PRACH partitioning</li> <li>Access Service Class</li> </ul>	'n	Reference clause 6. Reference clause 6. TDD Not Present Configured ALL Reference clause 6. Reference clause 6. Reference clause 6. Reference clause 6. Reference clause 6. Reference clause 6. Not present	10 Parameter Set 10 Parameter Set

1	- ASC Settings	(ASC#0)
	- CHOICE mode	
		1.28 MCps TDD
	<ul> <li>Available SYNC_UL codes indices</li> </ul>	"111111111"
	<ul> <li>CHOICE subchannel size</li> </ul>	Size1
	- Available Subchannels	Null
	ASC Sottings	(ASC + 1)
	- ASC Settings	(A3C#T)
	- CHOICE mode	לטו
	<ul> <li>CHOICE TDD option</li> </ul>	1.28 Mcps TDD
	- Available SYNC UL codes indices	"111111111"
	- CHOICE subchannel size	Size1
		Null
	- Available Subchannels	NUI
	- ASC Settings	(ASC#2)
	- CHOICE mode	TDD
	- CHOICE TDD option	1 28 Mcns TDD
	- Available SYNC_UL codes indices	
	<ul> <li>CHOICE subchannel size</li> </ul>	Size1
	<ul> <li>Available Subchannels</li> </ul>	Null
	- ASC Settings	(ASC#3)
	- CHOICE TDD option	1.28 Mcps TDD
	<ul> <li>Available SYNC_UL codes indices</li> </ul>	"111111111"
	- CHOICE subchannel size	Size1
	Available Subshannels	Null
	- ASC Settings	(ASC#4)
	- CHOICE mode	TDD
	- CHOICE TDD option	1.28 Mcps TDD
	- Available SYNC III codes indices	"111111111"
	CHOICE subshapped size	
	- CHOICE subchannel size	Sizer
	- Available Subchannels	Null
	- ASC Settings	(ASC#5)
	- CHOICE mode	
	- CHOICE TOD option	1.28 Mone TDD
	Available QVNC LL cades indices	
	- Available SYNC_UL codes indices	*11111111
	<ul> <li>CHOICE subchannel size</li> </ul>	Size1
	<ul> <li>Available Subchannels</li> </ul>	Null
	- ASC Settings	(ASC#6)
	- CHOICE mode	
	CHOICE TOD option	1 20 Mara TDD
	<ul> <li>Available SYNC_UL codes indices</li> </ul>	"111111111"
	<ul> <li>CHOICE subchannel size</li> </ul>	Size1
	- Available Subchannels	Null
	- Access Service Class	
	- Access Dervice Class	0.0.(6 - 1.00)
	- Persistence scaling factor	0.9 (for ASC#2)
	<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#3)
	<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#4)
	- Persistence scaling factor	0.9 (for ASC#5)
	- Persistence scaling factor	0.9 (for ASC#6)
		0.9 (101 A00#0)
	- AC-IO-ASC mapping	
	<ul> <li>AC-to-ASC mapping table</li> </ul>	
	<ul> <li>AC-to-ASC mapping</li> </ul>	6 (AC0-9)
	- AC-to-ASC mapping	5 (AC10)
	- AC-to-ASC mapping	A(AC11)
	- AC-IO-ASC mapping	3 (AC12)
	- AC-to-ASC mapping	2 (AC13)
	<ul> <li>AC-to-ASC mapping</li> </ul>	1 (AC14)
	- AC-to-ASC mapping	0 (AC15)
	- CHOICE mode	TDD (no data)
ļ	Secondary CCDCH system information	
	- Secondary CCFCH system information	
	<ul> <li>Secondary CCPCH system information</li> </ul>	
	<ul> <li>Secondary CCPCH info</li> </ul>	
1	- CHOICE mode	TDD
	- Offset	
	Common timestat info	
	- 2 <sup>m</sup> interleaving mode	Frame
1	- TFCI coding	Reference clause 6.10 Parameter Set
	- Puncturing limit	Reference clause 6.10 Parameter Set
	- Repetition period	1
	Deposition Jonath	
	- Repetition length	

- Individual timeslot info 1.28 Mcps TDD - CHOICE TDD option - Timeslot number 0 - TFCI existence Reference clause 6.10 Parameter Set - Midamble Shift and burst type - CHOICE TDD option 1.28 Mcps TDD - Midamble Allocation Mode Default midamble - Midamble configuration 4 - Midamble Shift Not Present - CHOICE TDD option 1.28 Mcps TDD - Modulation Reference clause 6.10 Parameter Set - SS-TPC Symbols Reference clause 6.10 Parameter Set - Code List - Channelisation Code Reference clause 6.10 Parameter Set - TFCS Reference clause 6.10 Parameter Set - CHOICE TFCI signalling - Normal \_- TFCI Field 1 information - CHOICE TFCS representation Addition \_- TFCS addition information - CHOICE CTFC Size Number of bits used must be enough to cover all combinations of CTFC from clause 6.10. - CTFC information Reference clause 6.10 Parameter Set - Power offset information Not Present - FACH/PCH information 12 (for PCH) - Transport Channel Identity - TFS (PCH) - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.) - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Not Present - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate - Rate matching attribute Reference clause 6.10 Parameter Set - CRC size Reference clause 6.10 Parameter Set - Transport Channel Identity 13 (for FACH) (FACH) - TFS - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.) - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Not Present - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set - CRC size Reference clause 6.10 Parameter Set - CTCH indicator FALSE - PICH info TDD - CHOICE mode - CHOICE TDD option 1.28 Mcps TDD - Timeslot number 0 - Midamble shift and burst type - Midamble Allocation Mode **Default midamble** - Midamble configuration 8 - Midamble Shift Not Present - Channelisation code list - Channelisation code (16/1)- Channelisation code (16/2)

— <del>- Timeslot number</del>	θ
	1.28 Mcps TDD
—- Midamble shift and burst type	θ
	1.28 Mcps TDD
——- Midamble Allocation Mode	Default midamble
— - Midamble configuration	8
	Not Present
- Repetition period/length	64/2
- Offset	0
- Paging indicator length	4
- N <sub>GAP</sub>	4
N <sub>PCH</sub>	2
- CBS DRX Level 1 information	Not Present

# Contents of System Information Block type 6 in connected mode (FDD)

DICH power offect	E dD
- AICH power onset	5 00
TX Diversity indicator	
- TA Diversity indicator	FALSE
- PRACH system information list	
- PRACH system information	
- PRACH info	
- CHOICE mode	FDD
- Available Signature	'0000 0000 1111 1111'B
- Available SF	64
<ul> <li>Preamble scrambling code number</li> </ul>	0
- Puncturing Limit	1.00
- Available Sub Channel number	'1111 1111 1111'B
- Transport Channel Identity	15
- RACH TFS	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC size	168
- Number of TB and TTLL ist	
- Number of Transport blocks	1
- CHOICE Mode	
	Configured
Number of TP and TTL List	500
- Number of Transport blocks	1
	Configured
- Semi-static Transport Format information	
- Transmission time interval	20 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
<ul> <li>Rate matching attribute</li> </ul>	150
- CRC size	16
- RACH TFCS	
- Normal	
- TFCI Field 1 information	
<ul> <li>CHOICE TFCS representation</li> </ul>	Complete reconfiguration
- TFCS addition information	
- CHOICE CTFC Size	2 bit
- CTFC information	0
- Power offset information	
- CHOICE Gain Factors	Computed Gain Factor
- Reference TFC ID	0
- CHOICE Mode	FDD
- Power offset Pp-m	0 dB
- CTFC information	1
- Power offset information	
- CHOICE Gain Factors	Signalled Gain Factor
- Gain factor Rc	
- Gain factor Rd	15
	10

	- Reference TFC ID	0
	- CHOICE Mode	FDD
	- Power offset Pp-m	0 dB
	- PRACH partitioning	
	- Access Service Class	
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#0)
	- Available signature End Index	7 (ASC#0)
	- Assigned Sub-channel Number	'1111'B
	- ASC Setting	
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#1)
	- Available signature End Index	7 (ASC#1)
	- Assigned Sub-channel Number	ППВ
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#2)
	- Available signature End Index	7 (ASC#2)
	- Assigned Sub-channel Number	'1111'B
	- ASC Setting	
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#3)
	- Available signature End Index	7 (ASC#3)
	- ASSIGNED Sub-Channel Number	ППВ
	- CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#4)
	- Available signature End Index	7 (ASC#4)
	<ul> <li>Assigned Sub-channel Number</li> </ul>	'1111'B
	- ASC Setting	535
	- CHOICE mode	
	- Available signature End Index	0 (ASC#5) 7 (ASC#5)
	- Assigned Sub-channel Number	(1111'B
	- ASC Setting	
	- CHOICE mode	FDD
	<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#6)
	- Available signature End Index	7 (ASC#6)
	- Assigned Sub-channel Number	'1111'B
	- ASC Setting - CHOICE mode	FDD
	- Available signature Start Index	0 (ASC#7)
	- Available signature End Index	7 (ASC#7)
	- Assigned Sub-channel Number	'1111'B
	<ul> <li>Persistence scaling factor</li> </ul>	
	- Persistence scaling factor	0.9 (for ASC#2)
	- Persistence scaling factor	0.9 (for ASC#3)
	- Persistence scaling factor	0.9 (101 A3C#4)
	- Persistence scaling factor	0.9 (for ASC#6)
	- Persistence scaling factor	0.9 (for ASC#7)
	- AC-to-ASC mapping	Not Present
	<ul> <li>Primary CPICH DL TX power</li> </ul>	31
	- Constant value	-10
	- PRACH power offset	24B
	- Power Ramp Step	2 2
	- RACH transmission parameters	2
	- Mmax	2
	- NB01min	3 slot
	- NB01max	10 slot
ļ	- AICH info	
	- Channelisation code	3
	- STID INDICATOR	
	- Secondary CCPCH system info	
	- Secondary CCPCH info	
	- Primary CPICH usage for channel estimation	Primary CPICH may be used

- Secondary CPICH info	Not Present
<ul> <li>Secondary scrambling code</li> </ul>	Not Present
- STTD indicator	FALSE
<ul> <li>Spreading factor</li> </ul>	64
- Code number	1
<ul> <li>Pilot symbol existence</li> </ul>	FALSE
- TFCI existence	TRUE
<ul> <li>Fixed or Flexible position</li> </ul>	Flexible
- Timing offset	0
- TFCS	(This IE is repeated for TFC number for PCH and FACH.)
- Normal	
- IFCI Field 1 information	
- CHOICE IFCS representation	Complete reconfiguration
- TECS addition information	
- CHOICE CIFC Size	4 Dit
- CIFC Information	U Nat Dragant
- Power onset information	Not Present
- CIFC Information	Net Present
- Power offset information	Not Present
- CIFC III0IIIalioII Power effect information	Z Not Procent
CTEC information	2
- Dower offset information	Not Present
- CTFC information	
- Power offset information	Not Present
- CTFC information	5
- Power offset information	Not Present
- CTEC information	6
- Power offset information	Not Present
- CTFC information	8
- Power offset information	Not Present
- CTFC information	10
- Power offset information	Not Present
- FACH/PCH information	
- TFS	(PCH)
- CHOICE Transport channel type	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	240 (PCCH)
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	230
- UKU SIZE	16 DIL 42 (for DOLI)
- Transport Channel Identity	
- IFO CHOICE Transport shapped type	(FACH) Common transport channels
- OnOICE Transport format information	
	168
- Number of TB and TTLL ist	100
- Number of Transport blocks	0
- Number of Transport blocks	1
- Number of Transport blocks	2
- Number of Transport blocks	3
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	230

- Transport Channel Identity	13 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
- Dynamic Transport format information	·
- RLC Size	360
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
- Semi-static Transport Format information	
<ul> <li>Transmission time interval</li> </ul>	10 ms
- Type of channel coding	Turbo
- Rate matching attribute	130
- CRC size	16bit
<ul> <li>Transport Channel Identity</li> </ul>	14 (for FACH)
- CTCH indicator	FALSE
- PICH info	
- Channelisation code	2
- Number of PI per frame	18
- STTD indicator	FALSE
- CBS DRX Level 1 information	Not Present

Contents of System Information Block type 6 in connected mode (similar to SIB type 5) (3.84 Mcps TDD)

[	- PICH Power offset	-5 dB
	- CHOICE Mode	TDD
	<ul> <li>PUSCH system information</li> </ul>	Not Present
	- PDSCH system information	Not Present
	- TDD open loop power control	
	- Primary CCPCH Tx Power	30 dbm
	- CHOICE TDD option	3.84 Mcps TDD /REL-4/
	- Alpha	(1/8)
	- PRACH Constant Value	-10
	- DPCH Constant Value	-10
	- PUSCH Constant Value	-10
	- Primary CCPCH info	
	- CHOICE mode	TDD
	- CHOICE TDD option	3.84 Mcps TDD /REL-4/
	- CHOICE SyncCase	Sync Case 2
	- Timeslot	0
	- Cell parameters ID	Not Present
	- Block SCTD indicator	FALSE
	<ul> <li>PRACH system information list</li> </ul>	
	- PRACH system information	
	- PRACH info	
	- CHOICE mode	TDD
	- CHOICE TDD option	3.84 Mcps TDD /REL-4/
	- Timeslot number	14
	- PRACH Channelisation Code List	
	- CHOICE SF	SF8
	<ul> <li>Channelisation Code List</li> </ul>	
	<ul> <li>Channelisation Code</li> </ul>	8/1
	<ul> <li>Channelisation Code</li> </ul>	8/2
	<ul> <li>Channelisation Code</li> </ul>	8/3
	<ul> <li>Channelisation Code</li> </ul>	8/4
	- PRACH Midamble	Direct
	<ul> <li>Transport Channel Identity</li> </ul>	15
	- RACH TFS	
	<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
	<ul> <li>Dynamic Transport format information</li> </ul>	(This IE is repeated for TFI number)
	- RLC size	Reference clause 6.10 Parameter Set
	- Number of TB and TTI List	Reference clause 6.10 Parameter Set
	<ul> <li>Number of Transport blocks</li> </ul>	Reference clause 6.10 Parameter Set
	- CHOICE Mode	TDD
	- Transmission Time Interval	Not Present

- CHOICE Logical Channel List - Semi-static Transport Format information - Transmission time interval - Type of channel coding - Coding Rate - Rate matching attribute - CRC size - RACH TFCS - PRACH partitioning - Access Service Class - ASC Settings - CHOICE mode - CHOICE TDD option - Available Channelisation codes indices CHOICE subchannel size - Available Subchannels - ASC Settings - CHOICE mode - CHOICE TDD option - Available Channelisation codes indices - CHOICE subchannel size - Available Subchannels - ASC Settings - CHOICE mode - CHOICE TDD option - Available Channelisation codes indices - CHOICE subchannel size - Available Subchannels - ASC Settings - CHOICE mode - CHOICE TDD option - Available Channelisation codes indices - CHOICE subchannel size - Available Subchannels - ASC Settings - CHOICE mode - CHOICE TDD option - Available Channelisation codes indices - CHOICE subchannel size - Available Subchannels - ASC Settings - CHOICE mode - Available Channelisation codes indices - CHOICE subchannel size - Available Subchannels - ASC Settings - CHOICE mode - CHOICE TDD option - Available Channelisation codes indices - CHOICE subchannel size - Available Subchannels - Persistence scaling factors - Access Service Class - Persistence scaling factor - AC-to-ASC mapping -to-ASC mapping table AC-to-ASC mapping - CHOICE mode - Secondary CCPCH system information

#### Configured ALL

Reference clause 6.10 Parameter Set Not present (ASC#0) TDD 3.84 Mcps TDD /REL-4/ Not Present (Default all) Size1 null (ASC#1) TDD 3.84 Mcps TDD /REL-4/ Not Present (Default all) Size1 null (ASC#2) TDD 3.84 Mcps TDD /REL-4/ Not Present (Default all) Size1 null (ASC#3) TDD 3.84 Mcps TDD /REL-4/ Not Present (Default all) Size1 null (ASC#4) TDD 3.84 Mcps TDD /REL-4/ Not Present (Default all) Size1 null (ASC#5) TDD Not Present (Default all) Size1 null (ASC#6) TDD 3.84 Mcps TDD /REL-4/ Not Present (Default all) Size1 null 0.9 (for ASC#2) 0.9 (for ASC#3) 0.9 (for ASC#4) 0.9 (for ASC#5) 0.9 (for ASC#6) Not Present <del>6 (AC0-9)</del> 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) TDD (no data)

- Secondary CCPCH system information - Secondary CCPCH info - CHOICE mode TDD - Offset 0 - Common timeslot info - 2<sup>nd</sup> interleaving mode Not Present (MD "Frame") - TFCI coding Reference clause 6.10 Parameter Set - Puncturing limit Reference clause 6.10 Parameter Set - Repetition period Not Present (MD "1") - Repetition length Not present - Individual timeslot info - CHOICE TDD option 3.84 Mcps TDD /REL-4/ - Timeslot number 1 - TFCI existence Reference clause 6.10 Parameter Set - Midamble Shift and burst type - CHOICE Burst Type Type 1 - Midamble Allocation Mode Default midamble - Midamble configuration burst type 1 and Δ 3 Not Present - Midamble Shift - Code List - Channelisation Code Reference clause 6.10 Parameter Set - TFCS (This IE is repeated for TFC number for PCH and FACH.) - Normal - TFCI Field 1 information - CHOICE TFCS representation Complete reconfiguration Addition - TFCS complete reconfigurationaddition information - CHOICE CTFC Size Number of bits used must be enough to cover all combinations of CTFC from clause 6.10. - CTFC information Reference clause 6.10 Parameter Set - Power offset information Not Present - FACH/PCH information (PCH) - TFS - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.) - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Reference clause 6.10 Parameter Set - CHOICE Logical Channel List ALL - Semi-static Transport Format information Reference clause 6.10 Parameter Set - Transmission time interval - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set - CRC size Reference clause 6.10 Parameter Set - Transport Channel Identity 12 (for PCH) - CTCH indicator FALSE - TFS (FACH) - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.) Reference clause 6.10 Parameter Set - RLC Size - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Reference clause 6.10 Parameter Set - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set - CRC size Reference clause 6.10 Parameter Set - Transport Channel Identity 13 (for FACH) - TFS (FACH) - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.)

	- RLC Size	Reference clause 6.10 Parameter Set
	- Number of TB and TTI List	Reference clause 6.10 Parameter Set
	- Number of Transport blocks	Reference clause 6.10 Parameter Set
	- CHOICE Mode	TEDD
•	- CHOICE Logical Channel List	ĀLL
	- Semi-static Transport Format information	
	- Transmission time interval	Reference clause 6.10 Parameter Set
	- Type of channel coding	Reference clause 6.10 Parameter Set
	- Coding Rate	Reference clause 6.10 Parameter Set
	- Rate matching attribute	Reference clause 6.10 Parameter Set
	- CRC size	Reference clause 6.10 Parameter Set
	- Transport Channel Identity	14 (for FACH)
	- CTCH indicator	FALSE
	- CTCH indicator	FALSE
	- PICH info	
	- CHOICE mode	TDD
	- CHOICE TDD option	3.84 Mcps TDD
	Channelisation code	<del>16/16</del>
	- Timeslot number	0
	<ul> <li>Midamble shift and burst type</li> </ul>	
	CHOICE Burst Type	Туре 1
	Midamble Shift	0
	<ul> <li>Channelisation code</li> </ul>	<u>16/16</u>
	- Repetition period/length	64/2
	Offset	0
	- Paging indicator length	4
	- NGAP	4
	N <sub>PCH</sub>	2
	<ul> <li>CBS DRX Level 1 information</li> </ul>	Not Present

Contents of System Information Block type6 In connected mode (similar to SIB type5) (1.28 Mcps TDD)

-			
	- SIB6 indicator	TRUE	
		E dP	
	- FICH FOWER Olisel	-5 ub	
	- CHOICE Mode	TDD	
	- PUSCH system information	Not Present	
		Not Drocont	
	- PDSCH system information	Not Present	
	<ul> <li>TDD open loop power control</li> </ul>		
	- Primary CCPCH Tx Power	30 dbm	
		1.28 MCps TDD	/REL-4/
	- no data		
	- Primary CCPCH info		
		-	
	- CHOICE mode	לטו	
	- CHOICE TDD option	1.28 Mcps TDD	/REL-4/
	TSTD indicator	EALSE	1
		FALSE	l,
	- Cell parameters ID	Not Present	
	- Block SCTDSTTD indicator	FALSE	
1	DBACH evetem information list		
	- PRACH system information		
	- PRACH info		
	- CHOICE mode	סטו	
	- CHOICE TDD option	1.28 Mcps TDD	/REL-4/
ļ	- SYNC III info		
	- STNC_UL codes bitmap	11111111	
1	- UL Target SIR	10 dB	
	- Power Pamping Stop	3 dB	
	- Power Ramping Step	3 UD	
	<ul> <li>Max SYNC_UL Transmissions</li> </ul>	8	
	- Mmax	32	
	DDACH definition	02	
	- PRACH delinition		
	- Timeslot number		
	- CHOICE TDD option	1.28 Mcps TDD	/RFL-4/
	Timeslet number	1	,
	- Timesiot number	1	
	<ul> <li>PRACH Channelisation Code List</li> </ul>		
	- Channelisation Code List		
	Charmalization Code	(0/4)	
	- Channelisation Code	(8/1)	
	<ul> <li>Midamble Shift and burst type</li> </ul>		
	- CHOICE TDD option	1 28 Mone TDD	
	- Midamble Allocation Mode	Default midamble	
	<ul> <li>Midamble configuration</li> </ul>	8	
	Midamble Shift	Not procent	
		Not present	
	- FPACH info		
	- Timeslot number	6	
	Channelisation code	(16/16)	
	- Chamelisation code	(10/10)	
	<ul> <li>Midamble Shift and burst type</li> </ul>		
1	- CHOICE TDD option	1.28 Mcps TDD	/REL-4/
1	- Midamble Allocation Mode	Common Midamhla	
1			
	<ul> <li>Midamble configuration</li> </ul>	8	
	- Midamble Shift	Not present	
	- W/T	1	
ļ			
ļ	- PNBSCH allocation	Not Present /REL	-4/
	- Transport Channel Identity	15	
1	- RACH TES	-	
1			
I	- CHOICE Transport channel type	Common transport of	cnannels
	- Dynamic Transport format information	-	
ļ		Poforonce cloures 6	10 Parameter Set
ļ		Reference clause 6.	IV Falameter Set
	<ul> <li>Number of TB and TTI List</li> </ul>	Reference clause 6.	.10 Parameter Set
1	- Number of Transport blocks	Reference clause 6	10 Parameter Set
1			
		טטי	
ļ	<ul> <li>Transmission Time Interval</li> </ul>	Not Present	
	- CHOICE Logical Channel List	ConfiguredALL	
Ч		Coningured	
	- Semi-static I ransport Format information		
1	<ul> <li>Transmission time interval</li> </ul>	Reference clause 6.	.10 Parameter Set
1	- Type of channel coding	Reference clause 6	10 Parameter Set
	- Coding Rate	Keterence clause 6.	10 Parameter Set
	- Rate matching attribute	Reference clause 6.	10 Parameter Set
ļ	- CPC size	Reference clouice 6	10 Parameter Sot
		Reference clause 6.	IV Faidilletel Set
		Not present	
	- RACH IFCS	not procont	
	- RACH TECS - PRACH partitioning		
	- RACH TECS - PRACH partitioning	not procont	

- ASC Settings	(ASC#0)
- CHOICE mode	TDD
- CHOICE TDD option	1.28 Mcps TDD
<ul> <li>Available SYNC_UL codes indices</li> </ul>	"111111111"
- CHOICE subchannel size	Size1
- Available Subchannels	Null
- ASC Settings	(ASC#1)
- CHOICE mode	IDD 4.20 Marca TDD
- CHOICE TOD option	
- Available STNC_UL codes indices	Size1
- Available Subchannels	Null
- ASC Settings	(ASC#2)
- CHOICE mode	TDD
- CHOICE TDD option	1.28 Mcps TDD
<ul> <li>Available SYNC_UL codes indices</li> </ul>	"1111111
- CHOICE subchannel size	Size1
<ul> <li>Available Subchannels</li> </ul>	Null
- ASC Settings	(ASC#3)
- CHOICE mode	TDD
- CHOICE IDD option	1.28 Mcps IDD
- Available SYNC_UL codes indices	"111111111" Si=1
- CHOICE Subchannel Size	Sizei
- ASC Settings	$(\Delta S C \# \Lambda)$
- CHOICE mode	
- CHOICE TDD option	1.28 Mcps TDD
- Available SYNC UL codes indices	"111111111"
- CHOICE subchannel size	Size1
- Available Subchannels	Null
- ASC Settings	(ASC#5)
- CHOICE mode	TDD
- CHOICE TDD option	1.28 Mcps TDD
- Available SYNC_UL codes indices	"111111111" Si=1
- CHOICE Subchannel Size	Sizei
- Available Subcharmers	Null (ΔSC#6)
- CHOICE mode	
- CHOICE TDD option	1.28 Mcps TDD
- Available SYNC UL codes indices	"111111111"
- CHOICE subchannel size	Size1
- Available Subchannels	Null
- Access Service Class	
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#2)
- Persistence scaling factor	0.9 (for ASC#3)
- Persistence scaling factor	0.9 (for ASC#4)
- Persistence scaling factor	0.9 (for ASC#5)
- AC-to-ASC mapping	Not Present
- AC-to-ASC mapping	Not resent
	<del>6 (AC0-9)</del>
AC-to-ASC mapping	5 (AC10)
AC-to-ASC mapping	<del>4 (AC11)</del>
AC-to-ASC mapping	<del>3 (AC12)</del>
	<del>2 (AC13)</del>
	<del>1 (AC14)</del>
	<del>0 (AC15)</del>
- CHOICE mode	IDD (no data)
- Secondary CCPCH system information	
- Secondary CCPCH info	
- CHOICE mode	חחד
- Offset	0
- Common timeslot info	-
- 2 <sup>nd</sup> interleaving mode	Frame
- TFCI coding	Reference clause 6.10 Parameter Set
- Puncturing limit	Reference clause 6.10 Parameter Set
- Repetition period	1
- Repetition length	0

- Individual timeslot info - CHOICE TDD option 1.28 Mcps TDD - Timeslot number 0 - TFCI existence Reference clause 6.10 Parameter Set - Midamble Shift and burst type - CHOICE TDD option 1.28 Mcps TDD - Midamble Allocation Mode Default midamble - Midamble configuration 4 Not Present - Midamble Shift - CHOICE TDD option 1.28 Mcps TDD - Modulation Reference clause 6.10 Parameter Set - SS-TPC Symbols Reference clause 6.10 Parameter Set - Code List - Channelisation Code Reference clause 6.10 Parameter Set - TFCS Reference clause 6.10 Parameter Set - Normal - TFCI Field 1 information CHOICE TFCS representation Complete reconfiguration Addition - TFCS complete reconfiguration addition information - CHOICE CTFC Size Number of bits used must be enough to cover all combinations of CTFC from clause 6.10. - CTFC information Reference clause 6.10 Parameter Set - Power offset information Not Present - FACH/PCH information 12 (for PCH) - Transport Channel Identity - TFS (PCH) - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.) - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Not Present - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate - Rate matching attribute Reference clause 6.10 Parameter Set - CRC size Reference clause 6.10 Parameter Set - Transport Channel Identity 13 (for FACH) (FACH) - TFS - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.) - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Not Present - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - Type of channel coding - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set - CRC size Reference clause 6.10 Parameter Set - CTCH indicator FALSE - PICH info - CHOICE mode TDD - CHOICE TDD option 1.28 Mcps TDD - Timeslot number 0 - Midamble shift and burst type - Midamble Allocation Mode **Default midamble** - Midamble configuration 8 - Midamble Shift Not Present - Channelisation code list \_\_- Channelisation code (16/1)\_ - Channelisation code (16/2)

Timeslot number	<del>0</del>
	1.28 Mcps TDD
	θ
	1.28 Mcps TDD
	Default midamble
	8
	Not Present
<ul> <li>Repetition period/length</li> </ul>	64/2
- Offset	0
<ul> <li>Paging indicator length</li> </ul>	4
- N <sub>GAP</sub>	4
N <sub>PCH</sub>	2
- CBS DRX Level 1 information	Not Present

#### Contents of System Information Block type 7 (FDD)

CHOICE Mode	FDD
- UL interference	-100dBm
- PRACHs listed in system information block	
type5	
- Dynamic persistence level	2
- PRACHs listed in system information block	
type6	
- Dynamic persistence level	2
- Expiration Time Factor	Not Present – use default value of 1

#### Contents of System Information Block type 7 (TDD)

- PRACHs listed in system information block	
type5	
<ul> <li>Dynamic persistence level</li> </ul>	2
- PRACHs listed in system information block	
type6	
<ul> <li>Dynamic persistence level</li> </ul>	2
-Expiration Time Factor	Not Present – use default value of 1

### Contents of System Information Block type 8, 9 (only for FDD)

This information is used for static CPCH in the cell, so this is not present.

### Contents of System Information Block type 10 (only for FDD)

This information is used for DRAC, so this is not present.

Contents of System Information Block type 11 (FDD)

- SIB12 indicator	TRUE
EACH management appagion info	Not Propert
	NOL FIESEIIL
- Measurement control system information	
- Use of HCS	Not used
- Cell selection and reselection quality -	CPICH RSCP
measure	
- Intra-frequency measurement system	
information	
<ul> <li>Intra-frequency measurement identity</li> </ul>	1
- Intra-frequency cell info list	
	Domovo na intra fraguenav calla
- CHOICE Intra-frequency cell removal	Remove no intra-frequency cells
- New intra-frequency cells	
<ul> <li>Intra-frequency cell id</li> </ul>	1
- Cell info	
- Cell individual offset	0dB
	Not Descent
- Reference time difference to cell	Not Present
- Read SFN indicator	TRUE
- CHOICE mode	FDD
- Primary CPICH info	
Brimary or rombling code	Poter to alcupe titled "Default acttings for call No.1 (EDD)"
- Finary scrambing code	Refer to clause tilled Default settings for cell No. 1 (FDD)
	in clause 6.1
- Primary CPICH TX power	Not Present
- TX Diversity indicator	FALSE
Coll Selection and Re selection info	
- Qoffset1 <sub>s,n</sub>	0 dB
- Qoffset2s,n	Not Present
- Maximum allowed UL_TX power	33 dBm
HCS noighbouring cell information	Not Brogent
- CHOICE mode	FDD
- Qqualmin	-20 dB
- Qrxlevmin	-115 dBm
- Cell for measurement	Not Present
- Intra-frequency measurement quantity	
- Filter coefficient	0
<ul> <li>Measurement quantity</li> </ul>	CPICH RSCP
- Intra-frequency reporting quantity for RACH	Not Present
Poporting	
- Maximum number of reported cells on RACH	Not Present
<ul> <li>Reporting information for state CELL_DCH</li> </ul>	
<ul> <li>Intra-frequency reporting quantity</li> </ul>	
- Reporting quantities for active set cells	
SEN SEN observed time difference type	No report
- SFIN-SFIN ODServed time difference type	
- Cell identity reporting indicator	IRUE
<ul> <li>Cell synchronisation information reporting</li> </ul>	TRUE
indicator	
- CHOICE mode	FDD
CDICH Eo/NO reporting indicator	
- CPICH RSCP reporting indicator	IKUE
<ul> <li>Pathloss reporting indicator</li> </ul>	FALSE
- Reporting quantities for monitored set cells	
- SEN-SEN observed time difference type	No report
Coll identity reporting indicator	
- Cell identity reporting indicator	TRUE
<ul> <li>Cell synchronisation information reporting</li> </ul>	FALSE
indicator	
- CHOICE mode	FDD
- CPICH Ec/NO reporting indicator	FALSE
CDICH DSCD reporting indicator	TDUE
<ul> <li>Pathloss reporting indicator</li> </ul>	FALSE
<ul> <li>Reporting quantities for detected set cells</li> </ul>	Not Present
- Measurement reporting mode	
- Measurement Report Transfer Mode	Acknowledged mode RLC
Deriodio Departing/Event Triager Departing	Event triager
- renould κεροιτing/=vent i rigger κεροπing	
Mode	
- CHOICE report criteria	Intra-frequency measurement reporting criteria
- Intra-frequency measurement reporting	
criteria	
Decemptore required for each event	2 kinda
- Falameters required for each event	

- Intra-frequency event identity	1a
- Triggering condition 1	Not Present
- Triggering condition 2	Active set cells and monitored set cells
- Reporting Range	5dB
- Cells forbidden to affect Reporting range	Not Present
- W	1.0
- Hvsteresis	0.0
- Threshold Used Frequency	Not Present
- Reporting deactivation threshold	3
- Replacement activation threshold	Not Present
- Time to trigger	640
- Amount of reporting	4
- Reporting interval	4000
- Reporting cell status	
- CHOICE reported cell	Report cell within active set and/or monitored set cells on
	used frequency
- Maximum number of reported cells	3
- Intra-frequency event identity	1b
- Triggering condition 1	Active set cells and monitored set cells
- Triggering condition 2	Not Present
- Reporting Range	5dB
- Cells forbidden to affect Reporting range	Not Present
- W	1.0
- Hysteresis	0.0
- Threshold Used Frequency	Not Present
- Reporting deactivation threshold	3
- Replacement activation threshold	Not Present
- Time to trigger	640
- Amount of reporting	4
- Reporting interval	4000
- Reporting cell status	
- CHOICE reported cell	Report cell within active set and/or monitored set cells on
•	used frequency
<ul> <li>Maximum number of reported cells</li> </ul>	3
- Inter-frequency measurement system	Not Present
information	
- Inter-RAT measurement system information	Not Present
- Traffic volume measurement system	Not Present
information	
- UE internal measurement system information	Not Present

## Contents of System Information Block type 11 (3.84 Mcps and 1.28 Mcps TDD)

1

- SIB 12 Indicator	TRUE
- FACH measurement occasion info	Not Present
<ul> <li>Measurement control system information</li> </ul>	
- Use of HCS	Not used
<ul> <li>Cell_selection_and_reselection_quality</li> </ul>	(no data)CPICH-RSCP
measure	
<ul> <li>Intra-frequency measurement system</li> </ul>	
information	
- Intra-frequency measurement identity	1
- Intra-frequency cell info list	
- CHOICE intra-frequency cell removal	Remove no intra-frequency cells
- New intra-frequency cells	
- Intra-frequency cell id	<u>1</u> <del>0</del>
- Cell info	
- Cell individual offset	UdB
- Reference time difference to cell	Not Present
- Read SFN Indicator	
	לטו
- Primary CCPCH info	
- Cell parameters ID	Reference clause 6.1 Default settings for cell
- Primary CCPCH TX power	Not Present
	Not Present
- CHOICE IDD option	
- 3.84 MCps TDD	
•	
---	---
- Timeslot number	Not Present
Durat tura	Not Dresent
Burst type	Not Present
- 1.28 Mcps TDD	
- Timeslot number	Not Present
Call Calaction and Da calaction info	Net Dresent
- Cell Selection and Re-selection info	Not Present
<ul> <li>Cell for measurement</li> </ul>	Not Present
- Intra-frequency measurement quantity	
- Filter coefficient	0
- CHOICE mode	TDD
Moogurement quentity list	
- Measurement quantity list	
<ul> <li>Measurement quantity</li> </ul>	P-CCPCH RSCP
- Intra-frequency reporting quantity for RACH	
Reporting	
-SFN-SFN observed time difference	No report
CHOICE made	חחד
	100
- Reporting quantity list	
- Reporting quantity	No report
Maximum number of reported calls on DACH	No report
- Maximum number of reported cells of RACH	No report
<ul> <li>Reporting information for state CELL_DCH</li> </ul>	
- Intra-frequency reporting quantity	
Poporting quantities for active act calls	
- Reporting quantities for active set cells	
<ul> <li>SFN-SFN observed time difference</li> </ul>	No report
reporting indicator	
- Cell synchronisation information reporting	FALSE
indicator	
- Cell identity reporting indicator	TRUE
- CHOICE mode	TDD
- Timeslot ISCP reporting indicator	FALSE
Drepaged TECN reporting required	
- Proposedati i SGN reporting required	FALSE
- P-CCPCH RSCP reporting indicator	TRUE
- Pathloss reporting indicator	FALSE
Paparting quantities for monitored act calls	171202
- Reporting quantities for morniored set cens	
<ul> <li>SEN-SEN observed time difference</li> </ul>	No report
reporting indicator	
- Cell synchronisation information reporting	EALSE
	TALOL
indicator	
<ul> <li>Cell identity reporting indicator</li> </ul>	TRUE
CHOICE mode	
- Timeslot ISCP reporting indicator	FALSE
<ul> <li>Proposal TSGN reporting required</li> </ul>	FALSE
D CCDCH DSCD reporting indicator	TDUE
- P-CCPCH RSCP reporting indicator	IRUE
- Pathloss reporting indicator	FALSE
- Reporting quantities for detected set cells	Not Present
Measurement reporting mode	
- measurement reporting mode	
<ul> <li>Measurement Report Transfer Mode</li> </ul>	Acknowledged mode RLC
- Measurement Report Transfer Mode     - Periodical Reporting / Event Trigger	Acknowledged mode RLC Event trigger
- Measurement Report Transfer Mode     - Periodical Reporting / Event Trigger     Reporting Mode	Event trigger
- Measurement Report Transfer Mode     - Periodical Reporting / Event Trigger Reporting Mode	Acknowledged mode RLC Event trigger
- Measurement Report Transfer Mode     - Periodical Reporting / Event Trigger Reporting Mode <u>-CHOICE report criteria</u>	Event trigger
- Measurement Report Transfer Mode     - Periodical Reporting / Event Trigger Reporting Mode     - <u>CHOICE report criteria</u> - Intra-frequency measurement reporting	Event trigger
- Measurement Report Transfer Mode     - Periodical Reporting / Event Trigger Reporting Mode <u>-CHOICE report criteria</u> Intra-frequency measurement reporting     criteria	Event trigger
- Measurement Report Transfer Mode     - Periodical Reporting / Event Trigger Reporting Mode <u>-CHOICE report criteria</u> Intra-frequency measurement reporting     criteria	Acknowledged mode RLC Event trigger
- Measurement Report Transfer Mode     - Periodical Reporting / Event Trigger Reporting Mode <u>-CHOICE report criteria</u> Intra-frequency measurement reporting criteria     Parameters required for each event	Event trigger
- Measurement Report Transfer Mode     - Periodical Reporting / Event Trigger Reporting Mode     - <u>CHOICE report criteria</u> - Intra-frequency measurement reporting     criteria     - Parameters required for each event     - Intra-frequency event identity	Acknowledged mode RLC Event trigger
- Measurement Report Transfer Mode     - Periodical Reporting / Event Trigger Reporting Mode     -CHOICE report criteria     - Intra-frequency measurement reporting criteria     - Parameters required for each event     - Intra-frequency event identity     - Triggering condition1	Acknowledged mode RLC Event trigger
- Measurement Report Transfer Mode     - Periodical Reporting / Event Trigger Reporting Mode     -CHOICE report criteria     - Intra-frequency measurement reporting     criteria     - Parameters required for each event     - Intra-frequency event identity     - Triggering condition1	Acknowledged mode RLC Event trigger 1g Not Present
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>- Intra-frequency measurement reporting criteria</li> <li>- Parameters required for each event</li> <li>- Intra-frequency event identity</li> <li>- Triggering condition1</li> <li>- Triggering condition2</li> <li>- Reporting Range</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present
- Measurement Report Transfer Mode     - Periodical Reporting / Event Trigger Reporting Mode     -CHOICE report criteria     - Intra-frequency measurement reporting criteria     - Parameters required for each event     - Intra-frequency event identity     - Triggering condition1     - Triggering condition2     - Reporting Range     - cells forbidden to affect reporting range	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present Not Present
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present Not Present Not Present Not Present
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present Not Present Not Present O.0
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> <li>Threshold used frequency</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present Not Present O.0 Not Present
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> <li>Threshold used frequency</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present Not Present 0.0 Not Present
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> <li>Threshold used frequency</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present Not Present 0.0 Not Present <u>3Not Present</u>
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> <li>Threshold used frequency</li> <li>Reporting deactivation threshold</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present Not Present 0.0 Not Present 3 <u>Not Present</u> Not Present
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> <li>Threshold used frequency</li> <li>Reporting deactivation threshold</li> <li>Replacement activation threshold</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present O_0 Not Present <u>3Not Present</u> Not Present 640
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> <li>Threshold used frequency</li> <li>Reporting deactivation threshold</li> <li>Replacement activation threshold</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present Not Present 0.0 Not Present 3Not Present Not Present 4 of present Acknowledged mode RLC
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> <li>Threshold used frequency</li> <li>Reporting deactivation threshold</li> <li>Replacement activation threshold</li> <li>Time to trigger</li> <li>Amount of reporting</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present 0.0 Not Present 3 <u>Not Present</u> Not Present 640 4 <u>Infinity</u>
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> <li>Threshold used frequency</li> <li>Reporting deactivation threshold</li> <li>Replacement activation threshold</li> <li>Time to trigger</li> <li>Amount of reporting</li> <li>Reporting interval</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present 0.0 Not Present 3 <u>Not Present</u> Not Present 400 4 <u>Infinity</u> 4000 <del>0</del>
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> <li>Threshold used frequency</li> <li>Reporting deactivation threshold</li> <li>Replacement activation threshold</li> <li>Time to trigger</li> <li>Amount of reporting</li> <li>Reporting cell status</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present 0.0 Not Present 3 <u>Not Present</u> Not Present 640 4 <u>Infinity</u> 40000
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> <li>Threshold used frequency</li> <li>Reporting deactivation threshold</li> <li>Replacement activation threshold</li> <li>Time to trigger</li> <li>Amount of reporting</li> <li>Reporting cell status</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present <u>0.0</u> Not Present <u>3Not Present</u> Not Present <u>4000</u> Decest cellwithin setime in vit
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> <li>Threshold used frequency</li> <li>Reporting deactivation threshold</li> <li>Replacement activation threshold</li> <li>Time to trigger</li> <li>Amount of reporting</li> <li>Reporting cell status</li> <li>CHOICE reported cells</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present 0.0 Not Present 3Not Present 3Not Present 640 4Infinity 40000 Report cell within active set and/or
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> <li>Threshold used frequency</li> <li>Reporting deactivation threshold</li> <li>Replacement activation threshold</li> <li>Time to trigger</li> <li>Amount of reporting</li> <li>Reporting cell status</li> <li>CHOICE reported cells</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present 0.0 Not Present 3Not Present 3Not Present 640 4Infinity 40000 Report cell within active set and/or used frequency
<ul> <li>Measurement Report Transfer Mode <ul> <li>Periodical Reporting / Event Trigger</li> </ul> </li> <li>Reporting Mode <ul> <li>-CHOICE report criteria</li> <li>Intra-frequency measurement reporting criteria</li> <li>Parameters required for each event</li> <li>Intra-frequency event identity</li> <li>Triggering condition1</li> <li>Triggering condition2</li> <li>Reporting Range</li> <li>cells forbidden to affect reporting range</li> <li>W(optional in case of 1a,1b)</li> <li>Hysteresis</li> <li>Threshold used frequency</li> <li>Reporting deactivation threshold</li> <li>Reporting interval</li> <li>Amount of reporting</li> <li>Reporting cell status</li> <li>CHOICE reported cells</li> </ul> </li> </ul>	Acknowledged mode RLC Event trigger 1g Not Present Not Present Not Present Not Present 0.0 Not Present 3Not Present 3Not Present 640 4Infinity 40000 Report cell within active set and/or used frequency 32

monitored cells on

- Inter-frequency measurement system	Not Present
Information	Not Descent
- Inter-RAT measurement system information	Not Present
- Tranc volume measurement system	Not Present
Information	Net Deserve
- UE Internal measurement system information	Not Present

# Contents of System Information Block type 12 in connected mode (FDD)

1	- FACH measurement occasion info	Not Present
	- Measurement control system information	
		Notucod
	- Cell_selection_and_reselection_quality	
	measure	
	<ul> <li>Intra-frequency measurement system</li> </ul>	
	information	
	<ul> <li>Intra-frequency measurement identity</li> </ul>	1
	<ul> <li>Intra-frequency cell info list</li> </ul>	
	- CHOICE intra-frequency cell removal	Remove no intra-frequency cells
	- New intra-frequency cells	
	- Intra-frequency cell id	1
	- Cell info	
	- Cell individual offset	0dB
	- Reference time difference to cell	Not Present
	Pood SEN indicator	
	- Read SFN Indicator	
		FUU
	- Primary CPICH Info	
	- Primary scrambling code	Refer to clause "Default settings for cell No.1 (FDD)" in
		clause 6.1
	<ul> <li>Primary CPICH TX power</li> </ul>	Not Present
	<ul> <li>TX Diversity indicator</li> </ul>	FALSE
	<ul> <li>Cell Selection and Re-selection info</li> </ul>	
	- Qoffset <sub>s.n</sub>	0 dB
	- Qoffset2s n	Not Present
	- Maximum allowed LIL TX power	33dBm
	HCS noighbouring coll information	Net Present
	- Qquaimin	-20 dB
	- Qrxlevmin	-115 dBm
	- Cell for measurement	Not Present
	<ul> <li>Intra-frequency measurement quantity</li> </ul>	
	- Filter coefficient	0
	<ul> <li>Measurement quantity</li> </ul>	CPICH RSCP
	<ul> <li>Intra-frequency reporting quantity for RACH</li> </ul>	Not Present
	Reporting	
	- Maximum number of reported cells on RACH	Not Present
	- Reporting information for state CELL DCH	
	- Intra-frequency reporting quantity	
	- Reporting quantities for active set cells	
	- SEN-SEN observed time difference type	No report
	- Cell synchronisation information reporting	TRUE
	indicator	
	- Cell identity reporting indicator	TRUE
	CDICL Ec/NO reporting indicator	
	- CFICH EC/NU reporting indicator	
	- CPICH RSCP reporting indicator	
	- Pathioss reporting indicator	FALSE
	- Reporting quantities for monitored set cells	
	- SFN-SFN observed time difference type	No report
	<ul> <li>Cell synchronisation information reporting</li> </ul>	FALSE
	indicator	
	<ul> <li>Cell identity reporting indicator</li> </ul>	TRUE
	- CHOICE mode	FDD
	- CPICH Ec/N0 reporting indicator	FALSE
	- CPICH RSCP reporting indicator	TRUE
	- Pathloss reporting indicator	FALSE
	- Reporting quantities for detected set cells	Not Present

<ul> <li>Measurement reporting mode</li> </ul>	
- Measurement Report Transfer Mode	Acknowledged mode RLC
- Periodic Reporting/Event Trigger Reporting	Event trigger
Mode	
- CHOICE report criteria	Intra-frequency measurement reporting criteria
<ul> <li>Intra-frequency measurement reporting</li> </ul>	
criteria	
- Parameters required for each event	
- Intra-frequency event identity	1a
- Triggering condition 1	Not Present
- Triggering condition 2	Active set cells and monitored set cells
- Reporting Range	5dB
- Cells forbidden to affect reporting range	Not Present
- W	1.0
- Hysteresis	0.0
- Threshold Used Frequency	Not Present
- Reporting deactivation threshold	3
- Replacement activation threshold	Not Present
- Time to trigger	640
- Amount of reporting	4
- Reporting interval	0
- Reporting cell status	
- CHOICE reported cell	Report cell Within active set and/or monitored set cells on
•	used frequency
<ul> <li>Maximum number of reported cells</li> </ul>	3
- Intra-frequency event identity	1b
- Triggering condition 1	Active set cells and monitored set cells
- Triggering condition 2	Not Present
- Reporting Range	5dB
- Cells forbidden to affect Reporting range	Not Present
- W	1.0
- Hysteresis	0.0
- Threshold Used Frequency	Not Present
<ul> <li>Reporting deactivation threshold</li> </ul>	3
<ul> <li>Replacement activation threshold</li> </ul>	Not Present
- Time to trigger	640
- Amount of reporting	4
<ul> <li>Reporting interval</li> </ul>	4000
<ul> <li>Reporting cell status</li> </ul>	
<ul> <li>CHOICE reported cell</li> </ul>	Report cell within active set and/or monitored set cells on
	used frequency
<ul> <li>Maximum number of reported cells</li> </ul>	3
<ul> <li>Inter-frequency measurement system</li> </ul>	Not Present
information	
- Inter-RAT measurement system information	Not Present
<ul> <li>Traffic volume measurement system</li> </ul>	Not Present
information	
- UE internal measurement system information	Not Present

Contents of System Information Block type 12 in connected mode (similar to SIB type11) (3.84 Mcps and 1.28 Mcps TDD)

- FACH measurement occasion info	Not Present
- Measurement control system information	
- Use of HCS	Not used
<ul> <li>Cell_selection_and_reselection_quality</li> </ul>	(no data)CPICH-RSCP
measure	
<ul> <li>Intra-frequency measurement system</li> </ul>	
information	
<ul> <li>Intra-frequency measurement identity</li> </ul>	1
Intra-frequency cell info list	
<ul> <li>—- CHOICE intra-frequency cell removal</li> </ul>	Remove no intra-frequency cells
New intra-frequency cells	
	<u>10</u>
Cell info	
	0dB
<ul> <li>Reference time difference to cell</li> </ul>	Not Present

[		TRUEFalse
		TDD
		Reference clause 6.1 Default settings for cell
	- Primary COPCH 1X power	Not Present
	- Timeslot number	Not Present
		Not Present
	<u></u>	Net Dessert
		Not Present
	- Cell for measurement	Not present
	- Intra-frequency measurement quantity	
	- Filter coefficient	0
	- CHOICE mode	TDD
	- Measurement list	
	- Intra-frequency reporting quantity for RACH	
	Reporting	
	-SFN-SFN observed time difference	No report
	- CHOICE mode	TDD
	- Reporting quantity list	
	- Reporting quantity	No report
	- Reporting information for state CELL DCH	
	- Intra-frequency reporting quantity	
	- Reporting quantities for active set cells	
	- SFN-SFN observed time difference	No report
	reporting indicator	
	indicator	FALSE
	- Cell identity reporting indicator	TRUE
	- CHOICE mode	TDD
	- Timeslot ISCP reporting indicator	FALSE
	- Proposedal ISGN reporting required	FALSE
	- P-CCPCH RSCP reporting indicator	FALSE
	- Reporting quantities for monitored set cells	
	- SFN-SFN observed time difference	No report
	reporting indicator	
	- Cell synchronisation information reporting	FALSE
	Indicator	TRUE
	- CHOICE mode	TDD
	- Timeslot ISCP reporting indicator	FALSE
	<ul> <li>Proposal TSGN reporting required</li> </ul>	FALSE
	- P-CCPCH RSCP reporting indicator	TRUE
	- Mathioss reporting indicator	ralde Not Present
	- Measurement reporting mode	Not i lesent
	- Measurement Report Transfer Mode	Acknowledged mode RLC
	- Periodical Reporting / Event Trigger	Event trigger
	Reporting Mode	
	<u>-CHOICE report criteria</u>	
	mila-nequency measurement reporting	
	- Parameters required for each event	
	- Intra-frequency event identity	1g
	Triggering condition1	Not Present
	- I riggering condition2	NOT Present
	- cells forbidden to affect reporting range	Not Present
	- W(optional in case of 1a.1b)	Not Present
	- Hysteresis	0 <u>.0</u>
	- Threshold used frequency	Not Present
	- Reporting deactivation threshold	<u>3Not Present</u>
	- Replacement activation threshold	INULFIESEIIL

	Time to trigger	640
	Amount of reporting	4 <u>Infinity</u>
	- Reporting interval	<u>4000</u>
	- Reporting cell status	
	- CHOICE reported cells	Report cell within active set and/or monitored cells on
•		used frequency
	- Maximum number of reported cells	32
•	- Inter-frequency measurement system	Not Present
	information	
	- Inter-RAT measurement system information	Not Present
	- Traffic volume measurement system	Not Present
	information	
	- UE internal measurement system information	Not Present

# T1-020297

		CR-Form-v4		
	CHANGE R	EQUEST		
¥	<b>34.108</b> CR <sup>115</sup> <sup>#</sup>	ev _ # Current version: 4.2.1 <sup>#</sup>		
For <u>HELP</u> on u	sing this form, see bottom of this pag	ge or look at the pop-up text over the X symbols.		
Proposed change	affects: ೫ (U)SIM ME/UE	X Radio Access Network Core Network		
Title: ೫	References for TDD about Clarifica	ation of bit rate of Interactive/Background PS RAB		
Source: ೫	Siemens			
Work item code: %	TEI	Date: ₩ 2002-03-20		
Category: अ	A Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in a B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories be found in 3GPP <u>TR 21.900</u> .	Release: %Rel 4Use one of the following releases: 22(GSM Phase 2)an earlier release)R96(Release 1996)R97(Release 1997)re)R98(Release 1998)R99(Release 1999)egories canREL-4(Release 4)REL-5(Release 5)		
Reason for change:       # TDD RABs are included in section 6.10.3 in TS 34.108         Summary of change:       # Reference to section 6.10.3 for TDD mode is included				
Consequences if not approved:	¥			
Clauses affected:	₩ <mark>6.10.1</mark>			
Other specs affected:	#Other core specificationsTest specificationsO&M Specifications	¥		
Other comments:	ж			

# How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: <u>http://www.3gpp.org/3G\_Specs/CRs.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

# 6.10 Reference Radio Bearer configurations used in Radio Bearer interoperability testing

The reference radio bearer configurations are typical configurations of the radio interface. This sub-set of the mandatory set of radio bearer configurations supported by the UE is intended to be used as test configurations for testing of the UE.

The reference radio bearer configurations are used in the radio bearer interoperability test cases, clause 14 of TS 34.123-1 [1]. The reference radio bearer configurations are also intended to be the first choice for other test cases where a radio bearer configuration is needed. For test cases requiring alternative configurations not provided by the reference radio bearer configurations then these specific radio bearer configurations are either specified in the actual test case itself; or in case the configurations are used by more than one test case then these common radio bearer configurations are specified in clause 6.11 of the present document.

NOTE: If not specifically specified then the mid-value of the RM attribute value range as specified by the actual reference radio bearer configuration shall be applied for testing.

# 6.10.1 QoS Architecture and RAB attributes

From a user point-of-view services are considered end-to-end, this means from a Terminal Equipment (TE) to another TE. An End-to-End Service may have a certain Quality of Service (QoS) which is provided for the user through the different networks. In UMTS, it is the UMTS Bearer Service that provides the requested QoS through the use of different QoS classes as defined in TS 23.107.

The UMTS Bearer Service consists of two parts, the Radio Access Bearer Service, RAB, and the Core Network Bearer Service. The Radio Access Bearer Service is realised by a Radio Bearer Service and an Iu-Bearer Service. The relationship between the services is illustrated in figure 6.10.1.1.



Figure 6.10.1.1: UMTS QoS Architecture

The Radio Access Bearer Service is characterised by a number of attributes such as Traffic class, Maximum bit rate, Guaranteed bit rate, SDU error ratio, Residual BER, Transfer Delay etc. As a first approach the four following attributes have been considered to come up with the parameter settings in clause 6.10.2.4 for FDD mode and 6.10.3.4 for TDD mode:

- Traffic class;
- SSD;
- Maximum bit rate;
- Residual BER.

The Traffic classes are explained in table 6.10.1.1. The Maximum bit rate has been considered at RLC layer and Physical Layer for the acknowledged and unacknowledged modes respectively. The Residual BER is understood as BER at RLC layer and Transport BLER for the acknowledged and unacknowledged modes respectively.

NOTE: The maximum bit rate in 6.10.2.4 for FDD mode and 6.10.3.4 for TDD mode is one of the RAB attribute as described above. For Interactive/Background PS RABs, however, the maximum bit rate of Radio Bearer can be lower than the maximum bit rate of RAB attributes due to radio resource management. Bit rates of Interactive/Background PS RABs described in 6.10.2.4 for FDD mode and 6.10.3.4 for TDD mode may represent the maximum bit rate of Radio

Bearer taking account into this management.

Traffic class	Conversational class conversational RT	Streaming class streaming RT	Interactive class Interactive best effort	Background Background best effort
Fundamental characteristics	<ul> <li>Preserve time relation (variation) between information entities of the stream</li> <li>Conversational pattern (stringent and low delay)</li> </ul>	- Preserve time relation (variation) between information entities of the stream (i.e. some but constant delay)	Request response pattern Preserve payload content	Destination is not expecting the data within a certain time Preserve payload content
Example of the application	- speech, video,	<ul> <li>facsimile (NT)</li> <li>streaming audio and video</li> </ul>	- Web browsing	<ul> <li>background download of emails</li> </ul>

### Table 6.10.1.1: Traffic classes

# 3GPP TSG- T1 Meeting #15 Lund, Sweden, 21<sup>st</sup>, 24<sup>th</sup> May 2002

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ж	TS	<mark>34.108</mark>	CR 1	16	жrev	-	ж	Current vers	ion:	4.2.1	ж
	Sp	bec Title:	Commor Conform	ance Test	/ironments ting	for Us	ser Eq	uipment (Ul	E)		ж
For <u>HELF</u>	on u	sing this fo	rm, see bo	ottom of th	his page ol	r look a	at the	pop-up text	over t	he 🛱 sym	bols.
Proposed cha	ange a	affects: ೫	(U)SIN	/	1E/UE X	Radi	o Acc	ess Networl	< 🗌	Core Net	work
Title:	ж	Correctio	<mark>ns to defa</mark>	ult messa	<mark>age in clau</mark>	se 9 o	f TS 3	4.108			
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Work item co	de: ೫	TEI						Date: ೫	22 <sup>nd</sup>	May 200	2
Category:	ж	A Use <u>one</u> of F (coi A (coi B (ad C (fur D (ed Detailed ex be found in	the followin rection) rresponds t dition of fea actional modi itorial modi planations 3GPP <u>TR</u>	ng categori to a correct ature), dification o fication) of the abov 21.900.	ies: tion in an ea of feature) ve categorie	arlier re es can	lease)	Release: % Use <u>one</u> of 2 R96 R97 R98 R99 REL-4 REL-4	REL the foll (GSM (Relea (Relea (Relea (Relea (Relea	-4 lowing relea Phase 2) ase 1996) ase 1997) ase 1998) ase 1999) ase 4) ase 5)	ases:

Reason for change: ೫	1.	Transfer Annex A of TS 34.123-1 and all its corrections which were presented in T1/SIG #22 meeting into clause 9 of TS 34.108.
	2.	Merge all corrections to clause 9 of TS 34.108 that were presented in T1/SIG #22 meeting in this CR.
	3.	When IE "RRC state indicator" is set to "URA_PCH" or "CELL_PCH", IE "UTRAN DRX cycle length coefficient" has to be included.
	4.	Editorial.
	From T	1S-020293 and T1S-020299,
	The c follow	orrections to default message included in this CR are proposed for the ing reasons:
	<ul> <li>To</li> <li>To</li> <li>Co</li> </ul>	align with the latest revision of the core specifications include currently missing indication of not present IEs in the default onfigurations.
	To     To     pi     pi     ra     ra     se	introduce information that is typically needed in real network configurations introduce the 13.6 kbps signalling radio bearer in RRC connectioon setup rocedure as was agreed at T1/SIG#22 (T1S-020156). Current generic setup rocedures use the 3.4 kbps signalling radio bearer. The 13.6 kbps signalling idio bearer would represent a more likely configuration to be used in real etwork as it provides for better signalling performance, e.g. a faster call etup.
	• To	avoid transmission of redundant information (efficiency)

# T1-020298

T1S-020246r2

# **Revision 2:**

During transition to CELL\_FACH, UE should configured the physical resources immediately.

# Summary of change: # Revision 2 corrections:

Editorial correction based on cross-checking with T1S-020293r1 and T1S-020299 colour coded in Orange/Red

Activation time for transition to CELL\_FACH are set to "Not Present".

For configuration of CTFC information, reference to clause 6.10.2.4 of TS 34.108 are provided in the case of FDD messages and clause 6.10.3.4 of TS 34.108 are provided in the case of TDD messages.

### New corrections

1. The IE "UTRAN DRX cycle length coefficient" is set to 3 in URA UPDATE message in because the IE "RRC State Indicator" is set "URA\_PCH".

### From T1S-020294,

### Changes to messages in clause 9.1:

- 1. Contents of DOWNLINK DIRECT TRANSFER message: AM
  - a. Changed RRC transaction identifier value from "0" to "Arbitrarily selects an integer between 0 and 3".
- 2. INITIAL DIRECT TRANSFER message: AM
  - a. Clarified remark for CN domain identity IE (to be checked against IXIT statement).
  - b. Detailes for Intra Domain NAS Node Selector added
  - c. Added missing "START" IE (marked as not checked)
- 3. RADIO BEARER SETUP message: AM or UM (Speech in CS)
  - a. Changed RRC transaction identifier value from "0" to "Arbitrarily selects an integer between 0 and 3".
  - Changed "Ciphering mode info" to "Not present" and remove the related IEs. Normal RB SETUP should not have Integrety protection mode info or ciphering info.
  - c. The SRB should be reconfigured from 13.6 kbps, which is the default configuration to 3.4 kbps, when setting up the speech RAB.
  - d. MAC logical channel priority for speech DCHs should be set to 7 The priority for speech should be lower than for signalling. Though the priority for speech should be higher than for pachet RAB. So the packet RAB priority value is changed from 6 to 8.
  - e. The need for IE "Frequency info" is MD and the IE not need be included if the frequency to be used is the same as the currently used one. It should

be removed to avoid transmission of redundant information (efficiency)

- <u>f.</u> The IE "BLER Quality value" is changed from –6.3 to –2.0. The original value is not considered to be a realistic value (which may result a long time before power control stabilises). Although the tests using these default messages do not verify the power control, use of a more realistic value is proposed
- 4. RADIO BEARER SETUP message: AM or UM (Packet to CELL\_DCH from CELL\_DCH in PS)

Same changes as for "RADIO BEARER SETUP message: AM or UM (Speech in CS)" applies. In addition following changes are made:

- a. Changed RRC transaction identifier value from "0" to "Arbitrarily selects an integer between 0 and 3".
- b. Changed "Ciphering mode info" to "Not present" and remove the related IEs. Normal RB SETUP should not have Integrety protection mode info or ciphering info.
- c. The setting of IE "SDU discard" is changed to "No discard" for UM and AM signalling radio bearers. The use of SDU discard is not suitable for signaling radio bearers because neither RRC nor NAS is designed to cope with loss of messages. For SRB 1 (UM) this implies that IE SDU discard mode is removed, while for SRB 2, 3, 4 this implies that Timer\_MRW and MaxMRW are removed. Furthermore, IE "MAX\_DAT" has been changed from 4 to 15. The value of 4 is considered too low and may result in release of the connection in case of temporarily bad radio conditions. The value of 15 is considered to be more suitable for real network configurations.
- d. The value of IE "Transmission window size" and "Receiving window size changed from 8 to 128. In real network configurations the round trip time is expected to be in the order of 100 ms or larger. In such networks a window size of 8 could mean that the protocol is stalled most of the time. A higher window size is needed to prevent this. Moreover, the value of 128 is aligned with the L2 for L2 testing (34.123-1 clause 7.2.3)
- e. Within IE Polling info, IE "Poll-PDU" and IE "Timer\_poll\_periodic" are missing. The IEs have been added to the table, with status set to "Not present"
- f. The IE "Timer\_EPC" is set to "Not present". The EPC function can not be used for RBs with more than logical channel per transport channel, since this is not covered by the core specification. Moreover, the function is currently not verified by any test case in 34.123-1. Considering this, it does not make sense to include this IE in the default messages
- g. Within IE Downlink RLC status info, IE "Timer\_STATUS\_periodic" is missing. The IE has been added to the table, with status set to "Not present"
- h. The SRB should be reconfigured from 13.6 kbps, which is the default configuration to 3.4 kbps, when setting up the speech RAB.
- i. Change MAC logical channel priority for DCH multiplexing option to 8.
- j. Change re-establishment timer to T315
- k. Add PDCP info with contents
- 5. RADIO BEARER SETUP COMPLETE message: AM
  - a. The condition a) for including IE "COUNT-C activation time is rephrased

to clarify that the IE is needed if the reconfiguration command message contained the IE "Ciphering activation time for DPCH" and the first RB mapped onto RLC TM for a CN domain is established/ the last RB(s) mapped to RLC-TM for a CN domain is released.

- 6. RRC CONNECTION RELEASE message: UM
  - a. Changed RRC transaction identifier value from "0" to "Arbitrarily selects an integer between 0 and 3".
- 7. RRC CONNECTION REQUEST message: TM

Following changes from T1S-020158r1 agreed at T1/SIG#22 have been included

- a. For IE "Initial UE identity" the ID type is changed from IMSI (GSM MAP) to TMSI and LAI (GSM MAP) since this is considered to be the normal case.
- b. For IE "Measured results on RACH" the remark is changed from "Not checked" into "To be checked against requirement if specified" (See corresponding change to SIB type 11, as introduced in a corresponding CR covering SIB 11/ 12. The reason for adding this information is that UTRAN will typically need CPICH Ec/N0 of the serving cell to determine the initial power setting for the UE)
- 8. RRC CONNECTION SETUP message: UM (Transition to CELL\_DCH) clause 9.1

New changes not covered by T1S-020156 and T1S-020158r1 are (high-ligthed in blue in the CR):

- a. Changed RRC transaction identifier value from "0" to "Arbitrarily selects an integer between 0 and 3".
- b. Within IE "UL DCH TFCS" the CHOICE Gain Factors, the text inbetween brackets erroneously stated that the last TFC is also set to Computed rather than Signalled Gain Factors. This error has been corrected.
- c. The IE "BLER Quality value" is changed from -6.3 to -2.0. The original value is not considered to be a realistic value (which may result a long time before power control stabilises). Although the tests using these default messages do not verify the power control, use of a more realistic value is proposed
- d. IE "Default DPCH frame offset" is changed from 0 to an arbitrary value in the range 0..306688 by step of 512. IE "DPCH frame offset" is changed from 0 to Default DPCH Offset Value mod 38400. The reason for the change is that the IE can have any value and that the use of value 0 does not include a proper cover that the UE verifies that the two IEs have corresponding values
- 2. SECURITY MODE COMMAND message: AM
  - a. The supported algorithms in Security capability must match the capabilities signalled by the UE. Note that more than one algorithm can be supported. Affects IEs UEA0, UEA1 and Ciphering algorithm.
  - b. The setting of the spare bits for the supported security algorithms are clarified (not a single BOOLEAN but multiple bits in ASN.1)
  - c. CN domain identity changed from 'Supported domain' to 'CS or PS'
- 3. UPLINK DIRECT TRANSFER message: AM
  - a. Remark for CN domain identity IE changed. Checked to see if set to a CN domain for which a signalling connection exists (instead of against the

IXIT statement).

# Changes to messages in clause 9.2:

4. RADIO BEARER SETUP message: AM or UM

Same changes as to "RADIO BEARER SETUP message: AM or UM" in clause 9.1.

5. RRC connection setup message: UM

Same changes as to "RRC connection setup message: UM (Transition to CELL\_DCH)" in clause 9.1

6. SECURITY MODE COMMAND message: AM

Same changes as to "SECURITY MODE COMMAND message: AM" in clause 9.1.

# From T1S-020299,

# Changes to Annex A.1 (Default messages for FDD):

- 1. ACTIVE SET UPDATE message: AM
  - a. Change IE "Maximum allowed UL Txpower" to Not present as typically an ACTIVE SET UPDATE would not cause a change to Maximum allowed UL Txpower (the currently configured maximum allowed UL TX power remains applicable). Therefore, the IE should be removed to avoid transmission of redundant information (efficiency).
- 2. MEASUREMENT CONTROL message: AM
  - a. Change of IE "Measurement reporting/Event trigger reporting Mode" due to an inconsistency between this IE and what is actually defined in the MEASUREMENT CONTROL (this IE is set to "Event triggered" while the measurement defined in the message is a periodical one)
  - b. "Intra-frequency measurement quantity" changed to Not present as there is no use defining Measurement quantity when periodical measurement is used (Measurement quantity defines what shall be the input to check whether a triggering condition has been fulfilled or not).
- 3. PHYSICAL CHANNEL RECONFIGURATION message: AM or UM
  - a. For condition A4 IE "Default DPCH frame offset" is changed from "Not present" to an arbitrary value in the range 0..306688 by step of 512. IE "DPCH frame offset" is changed from 0 to Default DPCH Offset Value mod 38400. Due to recent CR to 25.331 the IE needs to be included in any message via which the UE enters CELL\_DCH. By allowing any value and this test can be used to verify that the UE checks that the two IEs have corresponding values
- 4. PHYSICAL CHANNEL RECONFIGURATION COMPLETE message: AM
  - a. The condition a) for including IE "COUNT-C activation time is rephrased to clarify that the IE is needed if the reconfiguration command message contained the IE "Ciphering activation time for DPCH" and the first RB mapped onto RLC TM for a CN domain is established/ the last RB(s) mapped to RLC-TM for a CN domain is released
- 5. RADIO BEARER SETUP message: AM or UM
  - a. Normal RB SETUP should not have Integrety protection mode info and ciphering info; so remove Ciphering mode info, since current group is not valid.
  - b. MAC logical channel priority for speech DCHs should be set to 7 The priority for speech should be lower than for signalling. Though the priority for speech should be higher than for pachet RAB. So the packet RAB priority value is changed from 6 to 8.
  - c. The need for IE "Frequency info" is MD and the IE not need be included if

the frequency to be used is the same as the currently used one. It should be removed to avoid transmission of redundant information (efficiency)

- d. Change re-establishment timer to T315
- e. Add PDCP info with contents for PS case
- f. Make Maximum allowed UL Tx power absent for A5 and A6 case (should use currently configured), the UE shall apply the value included in the IE contained in System Information Block type 3. This SIB includes exactly the same value. Therefore, the IE should be removed to avoid transmission of redundant information (efficiency)
- g. The IE "BLER Quality value" is changed from -6.3 to -2.0. The original value is not considered to be a realistic value (which may result a long time before power control stabilises). Although the tests using these default messages do not verify the power control, use of a more realistic value is proposed
- h. For condition A4, A7, A8 IE "Default DPCH frame offset" is changed from "Not present" to an arbitrary value in the range 0..306688 by step of 512. IE "DPCH frame offset" is changed from 0 to Default DPCH Offset Value mod 38400. Due to recent CR to 25.331 the IE needs to be included in any message via which the UE enters CELL\_DCH. By allowing any value and this test can be used to verify that the UE checks that the two IEs have corresponding values.
- i. Changed explanation of A1, A2, A7 and A8 to be consistent with explanation of other conditions (i.e. to <state> from <state>).

### 6. RADIO BEARER RECONFIGURATION message: AM or UM

- a. For condition A4 IE "Default DPCH frame offset" is changed from "Not present" to an arbitrary value in the range 0..306688 by step of 512. IE "DPCH frame offset" is changed from 0 to Default DPCH Offset Value mod 38400. Due to recent CR to 25.331 the IE needs to be included in any message via which the UE enters CELL\_DCH. By allowing any value and this test can be used to verify that the UE checks that the two IEs have corresponding values
- 7. RADIO BEARER RELEASE message: AM or UM
  - a. "Added or Reconfigured UL TrCh information" and " Added of Reconfiguration DL TrCH information" should be included for A1, A2, A3, and A5, in order to reconfigure the SRB from 3.4 kbps to 13.6 kbps
  - b. For condition A4 IE "Default DPCH frame offset" is changed from "Not present" to an arbitrary value in the range 0..306688 by step of 512. IE "DPCH frame offset" is changed from 0 to Default DPCH Offset Value mod 38400. Due to recent CR to 25.331 the IE needs to be included in any message via which the UE enters CELL\_DCH. By allowing any value and this test can be used to verify that the UE checks that the two IEs have corresponding values

### 8. RRC CONNECTION SETUP message: UM (Transition to CELL\_FACH)

- a. Value of "RRC transaction Identifier" changed from 0 to "Arbitrarily selects an integer between 0 and 3"
- b. If the IE "RB identity" is absent, the UE shall apply the default value of 1 for the first IE "Signalling RB information to setup" and increase this default by 1 for each occurance of IE "Signalling RB information to setup". Thus, absence of the IE will have exactly the same result. IE "RB identity should be removed to avoid transmission of redundant information (efficiency)
- c. Both for UL & DL, IE "Added or Reconfigured TrCH information list" shall be included in the message even though it is not needed when transiting to CELL\_FACH. For several parameters a reference to the general clause 6.10 of 34.108 specifying the default RABs was included. Since the UE is directed to CELL\_FACH/ a configuration on SCCPCH, it is unclear which

configuration in 6.10 applies for these parameters. There are two options, as indicated below. The proposal is to apply option A, which is suggested in TS 25.331

A) UTRAN includes a configuration that adds little to the encoded message size e.g. a DCH with a single zero size transport format. At a later stage, UTRAN may either remove or reconfigure this configuration

B) UTRAN includes a basic configuration for use in CELL\_DCH i.e. the TrCH configuration to support signalling. When moving to CELL\_DCH, UTRAN can use this as basis and modify it depending on how the traffic channels are mapped

- d. IE "Transparent mode signalling info" has been removed from 25.331 (related to the move of the TM TrCH to REL-4)
- e. The need for IE "Frequency info" is MD and the IE not need be included if the frequency to be used is the same as the currently used one. It should be removed to avoid transmission of redundant information (efficiency)
- f. If the IE max\_allowed\_UL\_TX\_power is absent, the UE shall apply the value included in the IE contained in System Information Block type 3. This SIB includes exactly the same value. Therefore, the IE should be removed to avoid transmission of redundant information (efficiency)
- g. RRC specifies that when entering CELL\_FACH, the UE shall ignore the IE "Primary CPICH info" if received. Therefore, the IE should be removed to avoid transmission of redundant information (efficiency). The proposal is to set IE "Downlink information for each radio link list" to "Not present", since this IE carries no other information
- 9. TRANSPORT CHANNEL RECONFIGURATION message: AM or UM
  - a. The IE "BLER Quality value" is changed from -6.3 to -2.0. The original value is not considered to be a realistic value (which may result a long time before power control stabilises). Although the tests using these default messages do not verify the power control, use of a more realistic value is proposed
  - b. For condition A4 IE "Default DPCH frame offset" is changed from "Not present" to an arbitrary value in the range 0..306688 by step of 512. IE "DPCH frame offset" is changed from 0 to Default DPCH Offset Value mod 38400. Due to recent CR to 25.331 the IE needs to be included in any message via which the UE enters CELL\_DCH. By allowing any value and this test can be used to verify that the UE checks that the two IEs have corresponding values
- 10. TRANSPORT CHANNEL RECONFIGURATION COMPLETE message: AM
  - a. The condition a) for including IE "COUNT-C activation time is rephrased to clarify that the IE is needed if the reconfiguration command message contained the IE "Ciphering activation time for DPCH" and the first RB mapped onto RLC TM for a CN domain is established/ the last RB(s) mapped to RLC-TM for a CN domain is released

### Approved corrections in T1/SIG #22 meeting (highlighted in yellow)

### From T1S-020139r1

- 1. In several messages, IE "Timer\_poll\_periodic" is missing in IE "Polling info" and IE "Timer\_STATUS\_periodic" is missing in IE "Downlink RLC status info". Both have been included and set to 'Not Present'.
- 2. RF messages have been revised to align with Signalling messages.
- 3. In RADIO BEARER SETUP message for RF, IE "CPCH set IE" and IE "Added or Reconfigured TrCH information for DRAC list" are missing. These IEs have been added.

### From T1S-020137r1

- In condition A5 and A6 of PHYSICAL CHANNEL RECONFIGURATION message, RADIO BEARER SETUP message, RADIO BEARER RECONFIGURATION message, RADIO BEARER RELEASE message and TRANSPORT CHANNEL RECONFIGURATION message, a valid value for IE "New C-RNTI" is added.
- 2. In several messages, IE "Timer\_poll\_periodic" is missing in IE "Polling info" and IE "Timer\_STATUS\_periodic" is missing in IE "Downlink RLC status info". Both have been included and set to 'Not Present'.
- 3. In RADIO BEARER SETUP message, IE "CHOICE mode" is duplicated, therefore, it has been removed.
- 4. In condition A4 of RADIO BEARER RELEASE message, IE "Deleted UL TrCH information" and IE "Deleted DL TrCH information" are set to "Not Present" because these transport channels are not available when UE is in CELL\_FACH state.
- 5. Whenever, transport channel is added or removed, TFCS has to be updated. Therefore in condition A5 and A6 of RADIO BEARER RELEASE message, TFCS has to be included.
- Condition A7, whereby CS UE transit from CELL\_DCH to CELL\_FACH for non-speech, is added to RADIO BEARER RELEASE message. Condition A8, whereby CS UE transit from CELL\_DCH to CELL\_FACH for speech, is added to RADIO BEARER RELEASE message.

### From T1S-020155

Removal of "Power Offset Informaion" IE in RB SETUP (from cell\_DCH to cell\_DCH in PS)

### From T1S-020156 (Ericsson)

For applicable signalling radio bearer parameters in the "RRC CONNECTION SETUP message: UM (Transition to CELL\_DCH)":

Replaced general references to parameter set in TS 34.108 clause 6.10 with a explicit reference to the 13.6 kbps signalling radio bearer (TS 34.108 clause 6.10.2.4.1.3).

Same corrections are included in default messages that were transferred from Annex A of TS 34.123-1 to clause 9 of TS 34.108 in T1S-020161.

### From T1S-020159

RRC connection request message: TM

• For IE "Measured results on RACH" the remark is changed from "Not checked" into "To be checked against requirement if specified" (See corresponding change to SIB type 11, as introduced in a corresponding CR covering SIB 11/ 12. The reason for adding this information is that UTRAN will typically need CPICH Ec/N0 of the serving cell to determine the initial power setting for the UE)

RRC connection setup message: UM (Transition to CELL\_DCH)

- C-RNTI is removed upon transition to CELL\_DCH. Hence it should not be assigned in this case
- The IE "Capability update requirement" has been added, set to request both the UE radio access capabilities and the GSM capabilities. It will be beneficial for networks to request this information during connection establishment so that e.g. measurement on GSM neighbouring cell may be activated immediately. The tests should cover this case which is considered quite normal
- If the IE "RB identity" is absent, the UE shall apply the default value of 1 for the first IE "Signalling RB information to setup" and increase this default by 1 for each occurance of IE "Signalling RB information to setup". Thus, absence of the IE will have exactly the same result. IE "RB identity should be removed to avoid transmission of redundant information (efficiency)
- The setting of IE "SDU discard" is changed to "No discard" for UM and AM signalling radio bearers. The use of SDU discard is not suitable for signaling radio bearers because neither RRC nor NAS is designed to cope with loss of messages. For SRB 1 (UM) this implies that IE SDU discard mode is removed, while for SRB 2, 3, 4 this implies that Timer\_MRW and MaxMRW are removed. Furthermore, IE "MAX\_DAT" has been changed from 4 to 15. The value of 4 is considered too low and may result in release of the connection in case of temporarily bad radio conditions. The value of 15 is considered to be more suitable for real network configurations.
- The value of IE "Transmission window size" and "Receiving window size changed from 8 to 128. In real network configurations the round trip time is expected to be in the order of 100 ms or larger. In such networks a window size of 8 could mean that the protocol is stalled most of the time. A higher window size is needed to prevent this. Moreover, the value of 128 is aligned with the L2 for L2 testing (34.123-1 clause 7.2.3)
- Within IE Polling info, IE "Poll-PDU" and IE "Timer\_poll\_periodic" are missing. The IEs have been added to the table, with status set to "Not present"
- The IE "Timer\_EPC" is set to "Not present". The EPC function can not be used for RBs with more than logical channel per transport channel, since this is not covered by the core specification. Moreover, the function is currently not verified by any test case in 34.123-1. Considering this, it does not make sense to include this IE in the default messages
- Within IE Downlink RLC status info, IE "Timer\_STATUS\_periodic" is missing. The IE has been added to the table, with status set to "Not present"
- IE "Transparent mode signalling info" has been removed from 25.331 (related to the move of the TM TrCH to REL-4)
- The need for IE "Frequency info" is MD and the IE not need be included if the frequency to be used is the same as the currently used one. It should be removed to avoid transmission of redundant information (efficiency)
- If the IE max\_allowed\_UL\_TX\_power includes is absent, the UE shall apply the value included in the IE contained in System Information Block type 3. This SIB includes exactly the same value. Therefore, the IE should be removed to avoid transmission of redundant information (efficiency)
- RRC specifies that the UE shall ignore the value received in IE "CFN-targetSFN frame offset". Therefore, the IE should be removed to avoid transmission of redundant information (efficiency)
- Within IE "Downlink DPCH power control information", clarification is added that IE "CHOICE SF" specifies the number of pilot bits
- IE "Scrambling code change" should be absent rather than set to "no change". The IE

	relates to compressed mode (CM) using SF/2 method and should be absent since CM is not activated
	From T1S-020226 (ASUSTek)
	In section 9.1 and 9.2, add IE "New DSCH-RNTI" set to "Not present" into RADIO BEARER SETUP message.
	From T1S-020153 (ASUSTek)
	<ol> <li>Change the related IEs in CELL UPDATE and CELL UPDATE CONFIRM messages in AnnexA.</li> </ol>
	2. Add IE "New DSCH-RNTI" set to "Not present" into CELL UPDATE CONFIRM, PHYSICAL CHANNEL RECONFIGURATION, RADIO BEARER RECONFIGURATION, RADIO BEARER RELEASE, RADIO BEARER SETUP and TRANSPORT CHANNEL RECONFIGURATION messages in Annex A.
	From T1S-020194r1 (Ericsson)
	<ol> <li>Transaction id has been added to the UE CAPABILITY CONFIRM message in Annex A.</li> </ol>
	2. Several other minor error corrections
Consequences if # not approved:	The test prose cannot test UE correctly.
Clauses affected: #	
Other specs # affected:	Other core specifications # Test specifications

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Other comments:

How to create CRs using this form: Comprehensive information and tips about how to create CRs can be found at: <u>http://www.3gpp.org/3G\_Specs/CRs.htm</u>. Below is a brief summary:

**O&M Specifications** 

- 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

# 9.1 Default Message Contents for Signalling

# 9.1.1 Default RRC Message Contents (FDD)

This clause contains the default values of common messages, which unless indicated otherwise in specific clauses of TS 34.123-1, shall be transmitted and checked by the system simulator.

In this clause, decimal values are normally used. However, sometimes a hexadecimal value, indicated by an "H", or a binary value, indicated by a "B" is used.

The necessary L3 messages are listed in alphabetic order, with the exception of the SYSTEM INFORMATION messages, where it is the information elements which are listed in alphabetic order (this is because some information elements occur in several SYSTEM INFORMATION types).

### **Default SYSTEM INFORMATION:**

# NOTE: SYSTEM INFORMATION BLOCK TYPE 1 (except for PLMN type "GSM-MAP"), SYSTEM INFORMATION BLOCK TYPE 8, SYSTEM INFORMATION BLOCK TYPE 9, SYSTEM INFORMATION BLOCK TYPE 10, SYSTEM INFORMATION BLOCK TYPE 14, SYSTEM INFORMATION BLOCK TYPE 15 and SYSTEM INFORMATION BLOCK TYPE 16 messages are not used.

# Contents of ACTIVE SET UPDATE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects one integer between 0 to 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	Not Present
Activation time	now
New U-RNTI	Not Present
CN information info	Not Present
Downlink counter synchronisation info	Not Present
Maximum allowed UL TX power	Not Present – use default value
Radio link addition information	Not Present
Radio link removal information	Not Present
TX Diversity Mode	None
SSDT information	Not Present

# Contents of ACTIVE SET UPDATE COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if it matches the same value used in the
	corresponding downlink ACTIVE SET UPDATE message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

# Contents of ACTIVE SET UPDATE FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if it matches the same value used in the
	corresponding downlink ACTIVE SET UPDATE message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Refer to test requirement

# Contents of CELL UPDATE message: TM

Information Element	Value/remark
Message Type	
<u>U-RNTI</u>	Checked to see if it is set to the following values
- SRNC identity	<u>0000 0000 0001B</u>
<u>- S-RNTI</u>	<u>0000 0000 0000 0000 0001B</u>
RRC transaction identifier	Checked to see if it is absent
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
START List	Checked to see if the 'CN domain identity' and 'START'
	IEs are present for all CN domains supported by the UE
- CN domain identity	Checked to see if it is one of the supported CN domains
<u> </u>	Checked to see if it is present
AM_RLC error indication (RB2, RB3 or RB4)	Checked to see if it is set to 'FALSE'
AM RLC error indication (RB>4)	Checked to see if it is set to 'FALSE'
Cell update cause	See the test content
Failure cause	Checked to see if it is absent
<u>RB timer indicator</u>	
- T314 expired	Checked to see if it is set to 'FALSE'
- T315 expired	Checked to see if it is set to 'FALSE'
Measured results on RACH	Not checked

# Contents of CELL UPDATE CONFIRM message: UM

Information Element	Value/remark
Message Type	
U-RNTI	If this message is sent on CCCH, use the following
	values. Else, this IE is absent.
- SRNC identity	0000 0000 0001B
- S-RNTI	0000 0000 0000 0000 0001B
RRC transaction identifier	Selects an arbitrary integer between 0 to 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
- message authentication code	SS calculates the value of MAC-I for this message and
	writes to this IE.
- RRC message sequence number	SS provides the value of this IE, from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	Not Present
Activation time	Not Present – use default value
New U-RNTI	Not Present
New C-RNTI	Not Present
New DSCH-RNTI	Not Present
RRC State indicator	CELL FACH
UTRAN DRX cycle length coefficient	Not Present
RLC re-establish indicator (RB2, RB3 and RB4)	FALSE
RLC re-establish indicator (RB5 and upwards)	FALSE
CN information info	Not Present
URA identity	<u>0000 0000 0001B</u>
RB information to release list	Not Present
RB information to reconfigure list	Not Present
RB information to be affected list	Not Present
Downlink counter synchronisation info	Not Present
UL Transport channel information common for all	Not Present
transport channels	
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	Not Present
CHOICE Mode	<u>FDD</u>
<u>- CPCH set ID</u>	Not Present
<ul> <li>Added or Reconfigured TrCH</li> </ul>	Not Present
information for DRAC list	
DL Transport channel information common for all	Not Present
transport channels	
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	Not Present
Frequency info	Not Present
IVIAXIMUM Allowed UL TX power	Not Present
	<u>FUU</u> Not Descent
- DOWNIINK PDSCH INTORMATION	Not Present
Downlink Information common for all radio links	Not Present
Downlink information per radio link list	NOT Present

# Contents of DOWNLINK DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 30
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
CN domain identity	CS domain or PS domain
NAS message	See Specific Message Content for each test case

# Contents of INITIAL DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent.
- Message authentication code	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.
CN domain identity	<u>Checked to see if set to supported CN domain as</u> specified in the IXIT statements <del>CS domain or PS domain</del>
Intra Domain NAS Node Selector	Set to the same octet string as in the IMSI stored in the USIM card
- CHOICE version	<u>R99</u>
- CHOICE CN type	GSM-MAP
- CHOICE Routing basis	Local (P)TMSI
- Routing parameter	If the IE "CN domain identity" is equal to "CS domain", this
	bit string is set to to bits b14 through b23 of the TMSI.
	If the IE "CN domain identity" is equal to "PS domain", this
	bit string is set to to bits b14 through b23 of the P-TMSI.
	The TMSI/ P-TMSI bits are numbered from b0 to b31, with
	bit b0 being the least significant.
- Entered parameter	FALSE
NAS message	Set according to that indicated in specific message
	content for each test case
<u>START</u>	Not checked
Measured results on RACH	Not checked

# Contents of MEASUREMENT CONTROL message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an unused integer between 0 to 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Measurement Identity	1
Measurement Command	<u>Setup</u>
Measurement Reporting Mode	
- Measurement Report Transfer Mode	Acknowledged mode RLC
<ul> <li>Measurement Reporting/Event Trigger Reporting</li> </ul>	Periodical
Mode Additional management list	Net Present
	Intra frequency measurement
- Intra-frequency measurement	Intra-frequency measurement
- Intra-frequency cell info	
- New intra-frequency cell	
- Intra-frequency cell-id	1
- Cell info	<u> </u>
- Cell individual offset	0dB
- Reference time difference to cell	Not Present
- Read SFN number	FALSE
- CHOICE mode	FDD
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	Different from the Default setting in TS34.108 clause 6.1
	(FDD)
<ul> <li>Primary CPICH Tx power</li> </ul>	Not Present
- TX Diversity indicator	FALSE
<ul> <li>Intra-frequency measurement quantity</li> </ul>	Not Present
- Intra-frequency reporting quantity	
- Reporting quantities for active set cells	
- SFN-SFN observed time difference reporting	No report
indicator	
- Cell synchronisation information reporting	FALSE
indicator	
<ul> <li>Cell Identity reporting indicator</li> </ul>	TRUE
<ul> <li>- CPICH Ec/N0 reporting indicator</li> </ul>	FALSE
<ul> <li>CPICH RSCP reporting indicator</li> </ul>	TRUE
<ul> <li>Pathloss reporting indicator</li> </ul>	FALSE
<ul> <li><u>- Reporting quantities for monitored cells</u></li> </ul>	
<ul> <li>SEN-SEN observed time difference reporting</li> </ul>	No report
<u>indicator</u>	E41.0E
- Cell synchronisation information reporting	<u>raloe</u>
Indicator Coll Identity reporting indicator	TDUE
- CPICH RSCP reporting indicator	
- Pathloss reporting indicator	FALSE
- Reporting quantities for detected set cells	Not Present
- Reporting cell status	
- CHOICE reported cell	Report cell within active set and/or monitored cells on
	used frequency
- Maximum number of reported cells	2
- Measurement validity	Not Present
- CHOICE report criteria	Periodic reporting criteria
- Amount of reporting	Infinity
- Reporting interval	<u>64 sec</u>
DPCH Compressed mode status info	Not Present

# Contents of MEASUREMENT CONTROL FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if it's set to the identical value for the
	same IE in the downlink MEASUREMENT CONTROL
	<u>message</u>
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	See the test content

# Contents of MEASUREMENT REPORT message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	<u>absent.</u>
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Measurement identity	1
Measured Results	
- Intra-frequency measured results	
	Net present
<u>CEN SEN observed time difference</u>	Not present
<u>Coll synchronisation information</u>	Checked that this IE is absent
- Primary CPICH info	
- Primary scrambling code	Different from the Default setting in TS34 108 clause 6.1
	(FDD)
- CPICH Ec/N0	Checked that this IE is absent
- CPICH RSCP	Checked that this IE is present
- Pathloss	Checked that this IE is absent
Measured results on RACH	Checked that this IE is absent
Additional measured results	Checked that this IE is absent
Event results	Checked that this IE is absent

# Contents of PAGING TYPE 1 message: TM (Speech in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Conversational Call
- CN domain identity	CS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

# Contents of PAGING TYPE 1 message: TM (The others of speech in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Streaming Call
- CN domain identity	CS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

# Contents of PAGING TYPE 1 message: TM (Packet in PS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Interactive Call
- CN domain identity	PS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

# Contents of PAGING TYPE 1 message: TM (SMS in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	<u>CN identity</u>
- Paging cause	Terminating Low Priority Signalling
- CN domain identity	<u>CS domain</u>
- CHOICE UE identity	
<u>– IMSI (GSM-MAP)</u>	Set to the same octet string as in the IMSI stored in the
	TEST USIM card
BCCH modification info	Not Present

# Contents of PAGING TYPE 1 message: TM (SMS in PS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	<u>CN identity</u>
- Paging cause	Terminating Low Priority Signalling
- CN domain identity	PS domain
- CHOICE UE identity	
<u>– IMSI (GSM-MAP)</u>	Set to the same octet string as in the IMSI stored in the
	TEST USIM card
BCCH modification info	Not Present

# Contents of PAGING TYPE 2 message: AM (Speech in CS)

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Paging cause	Terminating Conversational Call
CN domain identity	<u>CS domain</u>
Paging record type identifier	Select the same type as in the IE "Initial UE Identity" in
	RRC CONNECTION REQUEST" message.

# Contents of PHYSICAL CHANNEL RECONFIGURATION message: AM or UM

Information Element	Condition	Value/remark
		Valuerionan
MCCCuge Type	Δ4 Δ5 Δ6	
RRC transaction identifier	714,710,710	Arbitrarily selects an integer between 0 and 3
Integrity check info		The presence of this IF is dependent on IXIT
integrity check into		statements in TS 34 123-2 If integrity
		protection is indicated to be active this IF is
		with the values of the sub IEs as stated
		below Else this IE and the sub-IEs are
		omitted.
- message authentication code		SS calculates the value of MAC-I for this
		message and writes to this IE.
- RRC message sequence number		SS provides the value of this IE, from its
		internal counter.
Integrity protection mode info		Not Present
Ciphering mode info		Not Present
Activation time	<u>A1, A2, A3,</u>	(256+CFN-(CFN MOD 8 + 8))MOD 256
	<u>A4</u>	
Activation time	<u>A5, A6</u>	Not Present
New U-RNTI		Not Present
New C-RNTI	<u>A1, A2, A3,</u>	Not Present
	<u>A4</u>	
New C-RNTI	<u>A5, A6</u>	<u>'1010 1010 1010 1010'</u>
New DSCH-RNTI	<u>A1, A2, A3,</u>	Not Present
	<u>A4, A5, A6</u>	
RRC State indicator	<u>A1, A2, A3,</u>	CELL_DCH
	<u>A4</u>	
RRC State indicator	<u>A5, A6</u>	CELL_FACH
UTRAN DRX cycle length coefficient	<u>A1, A2, A3,</u>	Not Present
	<u>A4, A5, A6</u>	
CN information info		Not Present
URA identity		Not Present
Downlink counter synchronisation info		Not Present
Frequency info		
- UARFCN uplink (Nu)		Reference to clause 5.1 Test frequencies
- UARFCN downlink (Nd)		Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power		<u>33dBm</u>
CHOICE channel requirement	<u>A5, A6</u>	Not Present
CHOICE channel requirement	<u>A1, A2, A3,</u>	Uplink DPCH info
	<u>A4</u>	
- Uplink DPCH power control info		
<u>- DPCCH power offset</u>		<u>-6dB</u>
<u>- PC Preamble</u>		<u>1 frame</u>
<u>- SRB delay</u>		<u>/ frames</u>
- Power Control Algorithm		
<u> </u>		
- Scrambling code number		<u>LUIU</u> 0 (0 to 16777215)
		$\frac{0.000010111210}{10000000000000000000000000$
		Reference to TS34 108 clause 6 10
		Parameter Set
- TECL existence		Reference to TS3/ 108 clause 6 10
		Parameter Set
- Number of FBI bit		Reference to TS34 108 clause 6 10
		Parameter Set
- Puncturing Limit		Reference to TS34 108 clause 6 10
		Parameter Set
CHOICE Mode	A1, A2, A3	FDD
	A4, A5, A6	<u></u>
- Downlink PDSCH information	2.1,70,70	Not Present
Downlink information common for all radio links	A1, A2, A3	
- Downlink DPCH info common for all RL	, //2, //0	
- Timing indicator		Maintain
- CFN-targetSFN frame offset		Not Present
- Downlink DPCH power control information		
- DPC mode		0 (single)

Information Element	Condition	Value/remark
- CHOICE mode		FDD
- Power offset Print papel		0
- DL rate matching restriction information		Not Present
- Spreading factor		Reference to TS34 108 clause 6 10
		Parameter Set
Eived or Elevible Desition		Peteropoe to TS24 109 elevice 6 10
		Reference to 1334.100 clause 0.10
		Parameter Set
- IFCI existence		Reference to 1534.108 clause 6.10
		Parameter Set
- CHOICE SF		Reference to 1534.108 clause 6.10
		Parameter Set
<ul> <li>DPCH compressed mode info</li> </ul>		Not Present
<ul> <li>TX Diversity mode</li> </ul>		None
<ul> <li>SSDT information</li> </ul>		Not Present
<ul> <li>Default DPCH Offset Value</li> </ul>		Not Present
Downlink information common for all radio links	A4	
- Downlink DPCH info common for all RL		
- Timing indicator		Initialise
- CFN-targetSFN frame offset		Not Present
- Downlink DPCH power control information		
- DPC mode		0 (single)
- CHOICE mode		EDD
- Power offset Processor		
<u> </u>		U Not Present
- DL Tale matching festion information		Not Flesenic Deference to TC24 400 eleves 0.40
- Spreading factor		Reference to 1534.108 clause 6.10
Final on Florible Desilier		Parameter Set
- Fixed of Flexible Position		Reference to 1534.108 clause 6.10
		Parameter Set
- IFCI existence		Reference to TS34.108 clause 6.10
		Parameter Set
- CHOICE SF		Reference to TS34.108 clause 6.10
		Parameter Set
<ul> <li>DPCH compressed mode info</li> </ul>		Not Present
- TX Diversity mode		None
- SSDT information		Not Present
- Default DPCH Offset Value		Arbitrary set to value 0306688 by step of
		512
Downlink information common for all radio links	A5 A6	Not Present
Downlink information for each radio links	Δ1	
Downlink information for each radio links		
Choice made	<u>AZ,A3,A4</u>	EDD
- Choice mode		
<u>- Primary CPICH Inio</u>		Def. to the Defectly entire in TOO4 400 sloves
- Primary scrambling code		Ref. to the Default setting in 1534.108 clause
		<u>6.1 (FDD)</u>
- PDSCH with SHO DCH info		Not Present
<ul> <li>PDSCH code mapping</li> </ul>		Not Present
<ul> <li>Downlink DPCH info for each RL</li> </ul>		
<u>- CHOICE mode</u>		FDD
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>		Primary CPICH may be used
- DPCH frame offset		Set to value : Default DPCH Offset Value
		mod 38400
- Power offset Peilot-DPDCH		0
- Secondary CPICH info		Not Present
- DL channelisation code		
- Secondary scrambling code		5
- Spreading factor		✓ Reference to TS34 108 clause 6 10
		Parameter Set
Codo numbor		
<u> </u>		⊻ No change
- Scrampling code change		
- IPC combination index		
- SSDT Cell Identity		Not Present
<ul> <li>Closed loop timing adjustment mode</li> </ul>		Not Present
<ul> <li>SCCPCH information for FACH</li> </ul>		Not Present
<ul> <li>Downlink information for each radio link</li> </ul>	<u>A5</u>	
- Choice mode		FDD
- Primary CPICH info		
- Primary scrambling code		Ref. to the Default setting in TS34.108 clause

Information Element	<b>Condition</b>	Value/remark
		<u>6.1 (FDD)</u>
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		Not Present
- SCCPCH Information for FACH		Not Present
- Downlink information for each radio link	<u>A6</u>	Not Present

<b>Condition</b>	Explanation
<u>A1</u>	This IE need for "Non speech in CS"
<u>A2</u>	This IE need for "Speech in CS"
A3	This IE need for "Packet to CELL DCH from CELL DCH in PS"
<u>A4</u>	This IE need for "Packet to CELL_DCH from CELL_FACH in PS"
<u>A5</u>	This IE need for "Packet to CELL_FACH from CELL_DCH in PS"
A6	This IE need for "Packet to CELL_FACH from CELL_FACH in PS"

# Contents of PHYSICAL CHANNEL RECONFIGURATION COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if it's set to identical value of the same IE
	in the downlink PHYSICAL CHANNEL
	RECONFIGURATION message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
- Message authentication code	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked
CHOICE mode	FDD
COUNT-C activation time	The UE shall include this IE if the following two conditions
	are fulfilled: (a) The PHYSICAL CHANNEL
	RECONFIGURATION message did not contain the IE
	"Ciphering activation time for DPCH" and (b) The
	PHYSICAL CHANNEL RECONFIGURATION message
	established the first RB(s) mapped to RLC-TM for a CN
	domain or released the last RB(s) mapped to RLC-TM for
	a CN domain. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

# Contents of PHYSICAL CHANNEL RECONFIGURATION FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identitifer	Checked to see if it is set to identical value of the same IE
	in the downlink PHYSICAL CHANNEL
	RECONFIGURATION message.
Integrity check info	The presence if this IE is dependent on IXIT statements in
	TS 34.123-2. if integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Checked to see if it meets test requirement

Contents of RADIO BEARER SETUP message: AM or UM (Speech in CS)

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 30
Integrity check info	The presence of this IE is dependent on IXIT statements
5 ,	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
- message authentication code	SS calculates the value of MAC-I for this message and
	writes to this IE.
- RRC message sequence number	SS provides the value of this IE. from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	Not Present <del>The presence of this IE is dependent on IXIT</del>
	statements in TS 34 123-2. If ciphering is indicated to be
	active this IF present with the values of the sub IFs as
	stated below. Else, this IE is omitted.
	Start/restart
	Use one of the supported ciphering algorithms
	(256+CEN-(CEN MOD 8 + 8))MOD 256
	Not Present
info	
Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
New U-RNTI	Not Present
New C-RNTI	Not Present
New DSCH-RNTI	Not Present
RRC State indicator	CELL_DCH
UTRAN DRX cycle length coefficient	Not Present
CN information info	Not Present
URA identity	Not Present
Signalling RB information to setup list	Not Present
RAB information for setup list	
- RAB information for setup	
- RAB info	
- RAB identity	0000 0001B
- CN domain identity	CS domain
<ul> <li>NAS Synchronization Indicator</li> </ul>	Not Present
- Re-establishment timer	UseT314
- RB information to setup	
- RB identity	10
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	TM RLC
- Transmission RLC discard	Not Present
- Segmentation indication	FALSE
- CHOICE Downlink RLC mode	TM RLC
- Segmentation indication	FALSE
- RB mapping info	

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Information Element	Value/remark
- Information for each multiplexing option	
- RLC logical channel mapping indicator	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
<ul> <li>Uplink transport channel type</li> </ul>	DCH
<ul> <li>UL Transport channel identity</li> </ul>	1
<ul> <li>Logical channel identity</li> </ul>	Not Present
- CHOICE RLC size list	Configured
- MAC logical channel priority	4 <u>7</u>
- Downlink RLC logical channel info	
- Number of downlink RLC logical channels	
- Downlink transport channel type	
- DL DCH Transport channel identity	0 Not Propert
Logical channel identity	Not Present
- RB identity	11
- PDCP info	Not Present
- CHOICE RI C info type	RLC info
- CHOICE Uplink RLC mode	TM RLC
- Transmission RLC discard	Not Present
- Segmentation indication	FALSE
- CHOICE Downlink RLC mode	TM RLC
- Segmentation indication	FALSE
- RB mapping info	
<ul> <li>Information for each multiplexing option</li> </ul>	
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
- Uplink transport channel type	DCH
- UL Transport channel identity	2
- Logical channel identity	Not Present
- CHOICE RLC SIZE list	
- MAC logical channel phonty	+ <u>/</u>
- Downlink RLC logical channels	1
- Downlink transport channel type	рсн
- DL DCH Transport channel identity	7
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
- RB identity	12
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	TM RLC
- Transmission RLC discard	Not Present
<ul> <li>Segmentation indication</li> </ul>	FALSE
- CHOICE Downlink RLC mode	TM RLC
- Segmentation indication	FALSE
- RB mapping into	
- Information for each multiplexing option	Not Procent
- Number of unlink PLC logical channels	1
- Unlink transport channel type	рсн
- UL Transport channel identity	3
- Logical channel identity	Not Present
- CHOICE RLC size list	Configured
- MAC logical channel priority	4 <u>7</u>
- Downlink RLC logical channel info	
- Number of downlink RLC logical channels	1
<ul> <li>Downlink transport channel type</li> </ul>	DCH
- DL DCH Transport channel identity	8
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
RB information to be affected list	Not Present
Downlink counter synchronisation info	NOT Present
OL transport channel information for all transport	
	Not Present
- CHOICE mode	FDD
- TFC subset	Not Present

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Information Element	Value/remark
	, and a standard st
	Normal
	Normal
- CHOICE TECS representation	Complete reconfiguration
<ul> <li>TFCS complete reconfigure information</li> </ul>	
- CHOICE CTFC Size	
- CTFC information	This IE is repeated for TFC numbers and reference to
	TS34.108 clause 6.10.2.4
- CTFC	Reference to TS34 108 clause 6 10 2 4 Parameter Set
- Power offset information	
- CHOICE Gain Eactors	Computed Gain Factors (The last TEC is set to Signalled
	Coin Factors)
	Gain Factors)
- Gain factor pc	11 (below 64 kbps)
	9 (higher than 64 kbps)
	(Not Present if the above is set to Computed Gain
	Factors)
- Gain factor βd	15
	(Not Present if the above is set to Computed Gain
	Factors)
Reference TEC ID	
- Power offset P p-m	Not Present
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	3 DCHs added, 1 DCH reconfigured
<ul> <li>Added or Reconfigured UL TrCH information</li> </ul>	
- Uplink transport channel type	DCH
- UL Transport channel identity	1
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	
	Deference to TS24 109 clause 6 10 Decemptor Set
- RLC SIZE	(This IF is an a start for TFL surshare)
- Number of TBs and TTT List	(This IE is repeated for TFT number.)
- Transmission Time Interval	Not Present
<ul> <li>Number of Transport blocks</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- CHOICE Logical Channel list	All
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	Reference to TS34.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34,108 clause 6,10 Parameter Set
- Rate matching attribute	Reference to TS34 108 clause 6 10 Parameter Set
- CPC size	Reference to TS3/ 108 clause 6 10 Parameter Set
- ONO SIZE	
- Opinik transport channel identity	
	2
- IFS	
<ul> <li>CHOICE Transport channel type</li> </ul>	Dedicated transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	Reference to TS34.108 clause 6.10 Parameter Set
- Number of TBs and TTI List	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to TS34.108 clause 6.10 Parameter Set
- Transmission Time Interval	Reference to TS34,108 clause 6,10 Parameter Set
- Number of Transport blocks	(This IF is repeated for TFI number )
Somi statio Transport Format information	
	Deference to TC24 400 clause C 40 Decemeter Cat
	Reference to 1534.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reterence to 1S34.108 clause 6.10 Parameter Set
<ul> <li>Rate matching attribute</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- CRC size	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Uplink transport channel type</li> </ul>	DCH
- UL Transport channel identity	3
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	
	Reference to TS3/ 109 clause 6 10 Decemptor Set
Number of TPs and TTL List	(This IE is reported for TEL number)
Tronomionion Time Interval	(This IE is repeated for TET fluttipet.)
- Transmission Time Interval	I NOL Present

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Information Element	Value/remark
- Number of Transport blocks	Reference to TS34.108 clause 6.10 Parameter Set
- Transmission Time Interval	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Number of Transport blocks</li> </ul>	(This IE is repeated for TFI number.)
<ul> <li>CHOICE Logical Channel list</li> </ul>	All
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	Reference to TS34.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set
- Rate matching attribute	Reference to TS34.108 clause 6.10 Parameter Set
- CRC size	Reference to TS34.108 clause 6.10 Parameter Set
<u> </u>	
	<u>5</u>
<u> </u>	Dedicated transport abannals
- Dynamic Transport format information	
- RLC Size	Reference to TS34 108 clause 6 10 Parameter Set
- Number of TBs and TTLL ist	(This IE is repeated for TEL number )
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to TS34.108 clause 6.10 Parameter Set
- Transmission Time Interval	Reference to TS34.108 clause 6.10 Parameter Set
- Number of Transport blocks	(This IE is repeated for TFI number.)
- CHOICE Logical Channel list	All
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Type of channel coding</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
<u> </u>	Reference to TS34.108 clause 6.10 Parameter Set
- Rate matching attribute	Reference to TS34.108 clause 6.10 Parameter Set
	Reference to 1534.108 clause 6.10 Parameter Set
	FDD Not Propert
- OFOH SELID	Not Present
liet	Not riesent
DL Transport channel information common for all	
transport channel	
- SCCPCH TFCS	Not Present
- CHOICE mode	FDD
- CHOICE DL parameters	Same as UL
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	3 DCHs
Added or Reconfigured DL TrCH information	
- Downlink transport channel type	DCH
- DL Transport channel identity	6
- CHOICE DL parameters	Same as UL
- Uplink transport channel type	
- UL TICH Identity	
- BLER Quality value	2 0_ <b>6 3</b>
- Transparent mode signalling info	Not Present
- Downlink transport channel type	DCH
- DL Transport channel identity	7
- CHOICE DL parameters	Same as UL
- Uplink transport channel type	DCH
- UL TrCH identity	2
<ul> <li>DCH quality target</li> </ul>	
- BLER Quality value	Not Present
<ul> <li>Transparent mode signalling info</li> </ul>	Not Present
- Downlink transport channel type	
- DL Transport channel identity	
- CHOICE DL parameters	Same as UL
- Uplink transport channel type	
	ى ا
- BLER Quality value	Not Present
- Transparent mode signalling info	Not Present
Downlink transport channel type	DCH
- DL Transport channel identity	10
- CHOICE DL parameters	Same as UL

Information Element	Value/remark
- Uplink transport channel type	DCH
- UL TrCH identity	5
- DCH quality target	
- BLER Quality value	-2.0
- Transparent mode signalling info	Not Present
Frequency info	Not Present
	Reference to clause 5.1 Test frequencies
	Reference to clause 5.1 Test frequencies
Maximum allowed UI_TX power	33dBm
CHOICE channel requirement	Unlink DPCH info
- Unlink DPCH power control info	
- DPCCH power offset	-6dB
- PC Preamble	1 frame
- SRB delay	7 frames
- Power Control Algorithm	Algorithm1
- TPC sten size	1dB
- Scrambling code type	
- Scrambling code type	0 (0 to 16777215)
Number of DPDCH	Not Procent(1)
- Number of DF DOT	Poteroneo to TS2/ 108 clause 6 10 Decemeter Set
TECL existence	Peterence to TS34.100 clause 6.10 Parameter Set
Number of EBI bit	Peterence to TS34.100 clause 6.10 Parameter Set
- Number of FBI bit	Peterence to TS34.100 clause 6.10 Parameter Set
	FDD Not Present
- DOWNINK FDSCH INIONIALION Downlink information common for all radio links	Not Fresent
Downlink information common for all Pl	
- DOWININK DFCH INIO COMMON IOF AIL RL	Maintain
- Tilling indicator	Not Propert
- CFN-talgetoFN frame onset	NOL FIESEN
- Downlink DPCH power control information	O(cincle)
- CHOICE III000	
- FOWER OILSELF Pilot-DPDCH	U Not Propert
- DE late matching restriction mornation	Potoroneo to TS2/ 108 clause 6 10 Deremeter Set
Fixed or Elevible Desition	Peterence to TS34.100 clause 6.10 Parameter Set
TECL existence	Potoronce to TS34.100 clause 6.10 Parameter Set
	Peterence to TS34.108 clause 6.10 Parameter Set
- DPCH compressed mode info	Not Present
- TX Diversity mode	None
- SSDT information	Not Present
- Default DPCH Offset Value	Not Present
Downlink information for each radio link list	
- Downlink information for each radio link	
- Choice mode	FDD
- Primary CPICH info	
- Primary scrambling code	Reference to clause 6.1 "Default settings (FDD)"
- PDSCH with SHO DCH info	Not Present
- PDSCH code mapping	Not Present
- Downlink DPCH info for each RI	
- Primary CPICH usage for channel estimation	Primary CPICH may be used
- DPCH frame offset	0 chips
- Secondary CPICH info	Not Present
- DL channelisation code	
- Secondary scrambling code	1
- Spreading factor	Reference to TS34.108 clause 6 10 Parameter Set
- Code number	
- Scrambling code change	No change
- TPC combination index	
- SSDT Cell Identity	Not Present
- Closed loop timing adjustment mode	Not Present
- SCCPCH information for FACH	Not Present

Contents of RADIO BEARER SETUP message: AM or UM (Packet to CELL\_DCH from CELL\_DCH in PS)

ſ	Information Element	Value/remark
	Message Type	
	RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
	Integrity check info	The presence of this IE is dependent on IXIT statements
		in TS 34.123-2. If integrity protection is indicated to be
		active, this IE is present with the values of the sub IEs as
		stated below. Else, this IE and the sub-IEs are omitted.
	<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
		writes to this IE.
	- RRC message sequence number	SS provides the value of this IE, from its internal counter.
1	Integrity protection mode into	Not Present
	Ciphening mode into	Not Present in TS 34 123-2. If ciphering is indicated to be
		active this IF present with the values of the sub IFs as
		stated below Else this IF is omitted
		Start/restart
		Use one of the supported ciphering algorithms
		(256+CFN-(CFN MOD 8 + 8))MOD 256
		Not Present
	info	
	Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
		Not Present
		Not Present
1	RRC State indicator	CELL DCH
	LITRAN DRX cycle length coefficient	Not Present
	CN information info	Not Present
	URA identity	Not Present
	Signalling RB information to setup	Not Present
	RAB information for setup	
	- RAB info	
	- RAB identity	0000 0101B
	- CN domain identity	PS domain
.	- NAS Synchronization Indicator	Not Present
	- Re-establishment timer	USe1314 <u>USe1315</u>
	- RB identity	20
	- PDCP info	Not Present
	- Support for lossless SRNS relocation	FALSE
	- Max PDCP SN window size	Not present
	- PDCP PDU header	Absent
	- Header compression information	Not present
	- CHOICE RLC info type	RLC info
	- CHOICE Uplink RLC mode	AM RLC
	- Transmission RLC discard	No discord May DAT retransmissions
		154
	- <u>Timer MRW</u>	104
		4
	- Transmission window size	1288
	- Timer_RST	500
	- Max_RST	4
	- Polling info	
	- Timer_poll_prohibit	200
	- limer_poli	200
		Not Present
	- Last transmission PDU poll	TRUE
	- Last retransmission PDU poll	TRUE
	- Poll Windows	99
	- Timer_poll_periodic	Not Present
•	- CHOICE Downlink RLC mode	AM RLC
	- In-sequence delivery	TRUE
	- Receiving window size	<u>12</u> 8
	- Downlink RLC status info	
	- Timer_status_prohibit	200
	Information Element	Value/remark
---	---	--
1	- Timer EPC	Not Present <del>200</del>
	- Missing PDU indicator	TRUE
	- Timer STATUS periodic	Not Present
	- RB mapping info	
	- Information for each multiplexing option	2 RBMuxOptions
	- RLC logical channel mapping indicator	Not Present
	<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
	<ul> <li>Uplink transport channel type</li> </ul>	DCH
	<ul> <li>UL Transport channel identity</li> </ul>	1
	<ul> <li>Logical channel identity</li> </ul>	Not Present
	- CHOICE RLC size list	Configured
	- MAC logical channel priority	4 <u>8</u>
	- Downlink RLC logical channel info	
	- Number of downlink RLC logical channels	
	- Downlink transport channel type	DCH
	- DL DCH Transport channel identity	0 Not Present
	- DL DSCH Transport channel identity	Not Present
	- Logical channel mapping indicator	Not Present
	- Number of uplink PLC logical channels	1
	- Unlink transport channel type	RACH
	- UI Transport channel identity	Not Present
	- Logical channel identity	7
	- CHOICE RLC size list	Explicit List
	- RLC size index	Reference to TS34.108 clause 6 Parameter Set
	- MAC logical channel priority	<del>6</del> 8
•	- Downlink RLC logical channel info	
	<ul> <li>Number of downlink RLC logical channels</li> </ul>	1
	<ul> <li>Downlink transport channel type</li> </ul>	FACH
	<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present
	<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
	- Logical channel identity	7
	RB information to be affected list	Not Present
	Downlink counter synchronisation info	Not Present
	OL Transport channel information for all transport	
		Not Propert
	CHOICE mode	
		Not Present
	- UL DCH TECS	Not riesent
	- CHOICE TECI signalling	Normal
	- TFCI Field 1 information	
	- CHOICE TFCS representation	Complete reconfiguration
	- TFCS complete reconfigure information	
	- CHOICE CTFC Size	
	- CTFC information	This IE is repeated for TFC numbers and reference to
		TS34.108 clause 6.10.2.4
	- CTFC	Reference to TS34.108 clause 6.10.2.4 Parameter Set
	<ul> <li>Power offset information</li> </ul>	
	- CHOICE Gain Factors	Computed Gain Factors(The last TFC is set to Signalled
		Gain Factors)
	- Gain factor pc	11 (Delow 64 KDps)
		9 (nigner than 64 kbps) (Net Present if the above is set to Computed Cain
		Factore)
	- Gain factor Bd	15
		(Not Present if the above is set to Computed Gain
		Factors)
	- Reference TFC ID	0
	- CHOICE mode	FDD
	- Power offset P p-m	Not Present
	Deleted TrCH information list	Not Present
	Added or Reconfigured TrCH information list	
	<ul> <li>Added or Reconfigured UL TrCH information</li> </ul>	
	- Uplink transport channel type	DCH
	- UL Transport channel identity	1
	- TFS	

|

Information Element	Value/remark		
- CHOICE Transport channel type	Dedicated transport channels		
- Dynamic Transport format information			
- BLC Size	Reference to TS34 108 clause 6 10 Parameter Set		
- Number of TBs and TTLL ist	(This IF is repeated for TEI number)		
- Transmission Time Interval	Not Present		
- Number of Transport blocks	Reference to TS34 108 clause 6 10 Parameter Set		
- CHOICE LOGICAL Challen list	All		
- Semi-static Transport Format information	Deferred to TOO 4 400 sloves 0.40 Demonster Oct		
	Reference to 1534.108 clause 6.10 Parameter Set		
- Type of channel coding	Reference to 1534.108 clause 6.10 Parameter Set		
- Coding Rate	Reference to 1534.108 clause 6.10 Parameter Set		
- Rate matching attribute	Reference to IS34.108 clause 6.10 Parameter Set		
- CRC size	Reference to TS34.108 clause 6.10 Parameter Set		
CHOICE mode	FDD		
- CPCH set ID	Not Present		
<ul> <li>Added or Reconfigured TrCH information for</li> </ul>	Not Present		
DRAC list			
DL Transport channel information common for all			
transport channel			
- SCCPCH TFCS	Not Present		
- CHOICE mode	FDD		
- CHOICE DL parameters	Explicit		
- DL DCH TECS	- Aprior		
- CHOICE TECL signalling	Normal		
- TECL Field 1 information	Norma		
CHOICE TECS representation	Complete reconfiguration		
TECS complete reconfigure	Complete reconfiguration		
- CIFC Information	This IE is repeated for TFC numbers and reference to		
0750	1534.108 clause 6.10 <u>.2.4</u>		
- CIFC	Reference to 1S34.108 clause 6.10.2.4 Parameter Set		
- Power offset information	Not present		
	Computed Gain Factors(The last TFC is set to Signalled		
	Gain Factors)		
- Gain factor βc	<del>11 (below 64 kbps)</del>		
	<del>9 (higher than 64 kbps)</del>		
	(Not Present if the above is set to Computed Gain		
	Factors)		
	<del>15</del>		
	(Not Present if the above is set to Computed Gain		
	Factors)		
	θ <sup>´</sup>		
- CHOICE mode	FDD		
	Not Present		
Deleted TrCH information list	Not Present		
Added or Reconfigured TrCH information list			
- Added or Reconfigured DL TrCH information			
- Downlink transport channel type	DCH		
- DL Transport channel identity	6		
	Explicit		
- IFS CHOICE Transport shannel type	Dedicated transport channels		
- CHOICE Transport channel type	Dedicated transport channels		
- RLC Size	Reference to 1534.108 clause 6.10 Parameter Set		
- Number of IBs and III List	(Inis IE is repeated for IFI number.)		
- Transmission Time Interval	Not Present		
- Number of Transport blocks	Reterence to IS34.108 clause 6.10 Parameter Set		
- Semi-static Transport Format information			
- Transmission time interval	Reterence to TS34.108 clause 6.10 Parameter Set		
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set		
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set		
- Rate matching attribute	Reference to TS34.108 clause 6.10 Parameter Set		
- CRC size	Reference to TS34.108 clause 6.10 Parameter Set		
- DCH quality target			
- BLER Quality value	- <u>2.0</u> - <del>6.3</del>		
- Transparent mode signalling info	Not Present		
Frequency info	Not present		

Information Element	Value/remark		
	Reference to clause 5.1 Test frequencies		
	Reference to clause 5.1 Test frequencies		
Maximum allowed UL TX power	33dBm		
CHOICE channel requirement	Uplink DPCH info		
<ul> <li>Uplink DPCH power control info</li> </ul>			
- DPCCH power offset	-6dB		
- PC Preamble	1 frame		
- SRB delay	7 frames		
<ul> <li>Power Control Algorithm</li> </ul>	Algorithm1		
- TPC step size	1dB		
<ul> <li>Scrambling code type</li> </ul>	Long		
- Scrambling code number	0 (0 to 16777215)		
- Number of DPDCH	Not Present(1)		
- spreading factor	Reference to IS34.108 clause 6.10 Parameter Set		
- IFCI existence	Reference to IS34.108 clause 6.10 Parameter Set		
- Number of FBI bit	Reference to IS34.108 clause 6.10 Parameter Set		
	Reference to 1S34.108 clause 6.10 Parameter Set		
CHOICE Mode	FDD		
- Downlink PDSCH information	Not Present		
Downlink information common for all radio links			
- DOWNIINK DPCH INTO COMMON FOR All RL	N - in to in		
- Liming indicator	Maintain Net Breeset		
- CFN-targetSFN frame offset	Not Present		
- Downlink DPCH power control information			
- DPC mode			
- FOWEI OIISEL FPilot-DPDCH	U Not Present		
- DL fate matching restriction mornation	Peterance to TS3/ 108 clause 6 10 Parameter Set		
- Spreading lactor	Reference to TS34 108 clause 6 10 Parameter Set		
- TECL existence	Reference to TS34 108 clause 6 10 Parameter Set		
- CHOICE SE	Reference to TS34 108 clause 6 10 Parameter Set		
- DPCH compressed mode info	Not Present		
- TX Diversity mode	None		
- SSDT information	Not Present		
- Default DPCH Offset Value	Not Present		
Downlink information for each radio link list			
- Downlink information for each radio link			
- Choice mode	FDD		
- Primary CPICH info			
- Primary scrambling code	Reference to clause 6.1 "Default settings (FDD)"		
- PDSCH with SHO DCH info	Not Present		
- PDSCH code mapping	Not Present		
<ul> <li>Downlink DPCH info for each RL</li> </ul>			
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>	Primary CPICH may be used		
- DPCH frame offset	0 chips		
- Secondary CPICH info	Not Present		
- DL channelisation code			
- Secondary scrambling code	1		
- Spreading factor	Reference to TS34.108 clause 6.10 Parameter Set		
- Code number			
- Scrambling code change	No change		
- IPC combination index			
- SSDT Cell Identity	Not Present		
- Closed loop timing adjustment mode	Not Present		
- SCCPCH information for FACH	Not Present		

## Contents of RADIO BEARER SETUP message: AM or UM

Information Element	Condition	Value/remark
Message Type	A1, A4, A5,	
	A6, A7, A8	
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3
Integrity check info		The presence of this IE is dependent on IXIT
		statements in TS 34.123-2. If integrity
		protection is indicated to be active, this is is
		stated below Else this IF and the sub-IFs are
		omitted.
- message authentication code		SS calculates the value of MAC-I for this
		message and writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>		SS provides the value of this IE, from its
		internal counter.
Integrity protection mode into		Not Present
		Not Present
Activation time	<u>A1, A4, A7,</u>	(256+CFN-(CFN MOD 8 + 8))MOD 256
	<u>A8</u>	
Activation time	<u>A5, A6</u>	Not Present
		Not Present
New C-RNTI	<u>A1, A4, A7,</u>	Not Present
	<u>A8</u> A5 A6	1010 1010 1010 1010
New DSCH-RNTI	<u>A3, A0</u> A1 A4 A5	Not Present
	<u>A6 A7 A8</u>	Not resent
RRC State indicator	A1.	CELL DCH
	A4,A7,A8	
RRC State indicator	A5, A6	CELL_FACH
UTRAN DRX cycle length coefficient	<u>A1, A4, A5,</u>	Not Present
	<u>A6,A7,A8</u>	
<u>CN information info</u>		Not Present
<u>URA identity</u>		Not Present
Signalling RB information to setup	A1 A7	Not Present
- RAB info	<u>A1,A7</u>	
- RAB identity		0000 0001B
- CN domain identity		CS domain
- NAS Synchronization Indicator		Not Present
<ul> <li><u>Re-establishment timer</u></li> </ul>		<u>useT315</u>
- RB information to setup		
- RB identity		<u>10</u> Not Present
- CHOICE RLC info type		RLC info
- CHOICE Uplink RLC mode		TM RLC
- Transmission RLC discard		Not Present
- Segmentation indication		FALSE
- CHOICE Downlink RLC mode		TMRLC
<ul> <li>Segmentation indication</li> </ul>		FALSE
<u>- RB mapping info</u>		
<ul> <li>Information for each multiplexing option</li> </ul>		Net Deserve
- RLC logical channel mapping indicator		Not Present
- Indink transport channel type		
- UL Transport channel identity		1
- Logical channel identity		→ Not Present
- CHOICE RLC size list		Configured
- MAC logical channel priority		1
<ul> <li>Downlink RLC logical channel info</li> </ul>		
- Number of downlink RLC logical channels		
Downlink transport channel type		
- DL DCH Transport channel identity		<u>6</u>

Information Element	Condition	Value/remark
- DL DSCH Transport channel identity		Not Present
- Logical channel identity		Not Present
RAB information for setup	<u>A8</u>	
- RAB info		
- RAB identity		<u>0000 0001B</u>
- CN domain identity		<u>CS domain</u>
<ul> <li>NAS Synchronization Indicator</li> </ul>		Not Present
<ul> <li>Re-establishment timer</li> </ul>		<u>useT315</u>
- RB information to setup		
<u>- RB identity</u>		<u>10</u>
<u>- PDCP into</u>		Not Present
- CHOICE RLC into type		<u>RLC info</u>
- CHOICE Uplink RLC mode		<u>IM RLC</u>
- Transmission RLC discard		Not Present
- Segmentation Indication		TALSE
- CHOICE DOWNINK RLC III000		
- BB mapping info		FALSE
- Information for each multiplexing option		
- RLC logical channel mapping indicator		Not Present
- Number of unlink RI C logical channels		1
- Uplink transport channel type		ĎСН
- UL Transport channel identity		1
- Logical channel identity		→ Not Present
- CHOICE RLC size list		Configured
- MAC logical channel priority		7
- Downlink RLC logical channel info		-
- Number of downlink RLC logical channels		1
- Downlink transport channel type		DCH
- DL DCH Transport channel identity		6
- DL DSCH Transport channel identity		Not Present
<ul> <li>Logical channel identity</li> </ul>		Not Present
- RB identity		<u>11</u>
- PDCP info		Not Present
- CHOICE RLC info type		RLC info
- CHOICE Uplink RLC mode		TMRLC
- Transmission RLC discard		Not Present
- Segmentation indication		FALSE
- CHOICE Downlink RLC mode		
- Segmentation Indication		FALSE
- RB mapping into		
PLC logical channel manning indicator		Not Procent
- Number of uplink RLC logical channels		1
- Unlink transport channel type		
- III. Transport channel identity		2
- Logical channel identity		Example 2 Sector
- CHOICE RLC size list		Configured
- MAC logical channel priority		7
- Downlink RLC logical channel info		_
- Number of downlink RLC logical channels		1
- Downlink transport channel type		DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>		<u>7</u>
<ul> <li>DL DSCH Transport channel identity</li> </ul>		Not Present
<ul> <li>Logical channel identity</li> </ul>		Not Present
- RB identity		<u>12</u>
- PDCP info		Not Present
- CHOICE RLC info type		RLC info
- CHOICE Uplink RLC mode		IMRLC
- Iransmission RLC discard		Not Present
- Segmentation indication		<u>FALSE</u>
- CHUICE DOWNLINK RLC MODE		
- Segmentation Indication		FALSE
- KD IIIapping IIII0		
- mormation for each multiplexing option		Not Present
- Number of uplink RLC logical chappels		1
	l	1 📫

Information Element	Condition	Value/remark
- Uplink transport channel type		DCH
- UL Transport channel identity		3
- Logical channel identity		Not Present
- CHOICE RLC size list		Configured
<ul> <li>MAC logical channel priority</li> </ul>		<u>7</u>
<ul> <li>Downlink RLC logical channel info</li> </ul>		
- Number of downlink RLC logical channels		$\frac{1}{2}$
- Downlink transport channel type		DCH
- DL DCH Transport channel identity		8 Not Present
OLDSCH Transport channel identity		Not Present
RAB information for setup	A4 A5 A6	
- RAB info	<u>//+, //0, //0</u>	(AM DTCH for PS domain)
- RAB identity		0000 0101B
- CN domain identity		PS domain
<ul> <li>NAS Synchronization Indicator</li> </ul>		Not Present
- Re-establishment timer		<u>useT315</u>
- KB information to setup		20
PDCP info		<u>20</u>
- FUCE IIIU		FALSE
- Max PDCP SN window size		Not present
- PDCP PDU beader		Absent
- Header compression information		Not present
- CHOICE RI C info type		RLC info
- CHOICE Uplink RLC mode		AM RLC
- Transmission RLC discard		
- CHOICE SDU discard mode		No Discard
<u>- MAX_DAT</u>		<u>15</u>
The second science units down where		100
- I ransmission window size		128
		<u>300</u>
- Polling info		4
- Timer poll prohibit		200
- Timer poll		200
- Poll_PDU		Not Present
- Poll SDU		1
<ul> <li>Last transmission PDU poll</li> </ul>		TRUE
<ul> <li>Last retransmission PDU poll</li> </ul>		TRUE
<u> </u>		<u>99</u>
- Timer_poll_periodic		Not Present
- CHOICE Downlink RLC mode		AMRLC
- In-sequence delivery		
<u> </u>		120
- Timer status probibit		200
- Timer_FPC		Not Present
- Missing PDU indicator		TRUE
- Timer_STATUS_periodic		Not Present
- RB mapping info		
<ul> <li>Information for each multiplexing option</li> </ul>		2 RBMuxOptions
<ul> <li>RLC logical channel mapping indicator</li> </ul>		Not Present
- Number of uplink RLC logical channels		$\frac{1}{2}$
- Uplink transport channel type		
- UL I ransport channel identity		L Not Drocont
		Configured
- MAC logical channel priority		
- Downlink RLC logical channel info		
- Number of downlink RI C logical channels		1
- Downlink transport channel type		рсн
- DL DCH Transport channel identity		6
- DL DSCH Transport channel identity		Not Present
- Logical channel identity		Not Present

Information Element	Condition	Value/remark
DLC logical channel manning indicator	Condition	Not Dropont
Number of uplink PLC logical channels		<u>not Flesent</u>
- OL Transport channel identity		
		<u>/</u> Evaluat list
<u> </u>		Explicit list
		Reference to 1534.106 clause 6 Parameter
MAQ is signification and a significa		Set
- IVIAC logical channel priority		<u>8</u>
- Downlink RLC logical channel into		
- Number of downlink RLC logical channels		1
- Downlink transport channel type		FACH
- DL DCH Transport channel identity		Not Present
- DL DSCH Transport channel identity		Not Present
- Logical channel identity		<u>7</u>
RB information to be affected	<u>A1, A4, A5,</u>	Not Present
	<u>A6,A7,A8</u>	
Downlink counter synchronisation info	<u>A1, A4, A5,</u>	Not Present
	<u>A6,A7,A8</u>	
UL Transport channel information for all transport	<u>A1,A4,A7,</u>	
<u>channels</u>	<u>A8</u>	
- PRACH TFCS		Not Present
- CHOICE mode		FDD
- TFC subset		Not Present
- UL DCH TFCS		
- CHOICE TFCI signalling		Normal
- TFCI Field 1 information		
- CHOICE TECS representation		Complete reconfiguration
- TECS complete reconfigure information		
- CHOICE CTEC Size		Number of bits used must be enough to cover
		all combinations of CTEC from TS34 108
		clause 6 10 2 4 Parameter Set
- CTEC information		This IE is repeated for TEC numbers and
		reference to TS34 108 clause 6 10 2 4
		Darameter Set
OTEC		Patameter Set
		Reference to 1534.106 clause 6.10.2.4
Deview effect information		<u>Parameter Set</u>
- Power onset information		Computed Opin Footom/The last TEO is get to
- CHOICE Gain Factors		Computed Gain Factors (The last TFC is set to
		Signalled Gain Factors)
- Gain factor pc		<u>11 (below 64 kbps)</u>
		9 (higher than 64 kbps) (Not Present if the
		CHOICE Gain Factors is set to Computed
		Gain Factors)
Gain factor βd		<u>15</u>
		(Not Present if the CHOICE Gain Factors is set
		to Computed Gain Factors)
- Reference TFC ID		<u>0</u>
- CHOICE mode		FDD
<u> </u>		Not Present
UL Transport channel information for all transport	<u>A5, A6</u>	Not Present
<u>channels</u>		
- PRACH TFCS		
- CHOICE mode		
- TFC subset		
- UL DCH TFCS		
Deleted UL TrCH information	A1, A4, A5,	Not Present
	A6,A7,A8	
Added or Reconfigured UL TrCH information	A1	
- Uplink transport channel type		DCH
- UL Transport channel identity		1
- TFS		<u> </u>
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		
- BLC Size		Reference to TS34 108 clause 6 10 Parameter
		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)

Information Element	Condition	Value/romark
	Condition	value/remark
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
<ul> <li>Transmission time interval</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
- CRC size		Reference to TS34.108 clause 6.10 Parameter
		Set
Added or Reconfigured UL TrCH information	A4.A7	2 TrCHs(DCH for DCCH and DCH for DTCH)
- Uplink transport channel type	<u> </u>	DCH
- UL Transport channel identity		5
- TES		<u> </u>
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		<u>Dedicated transport channels</u>
		Peterence to TS34 108 clause 6 10 Parameter
- 1120 0120		Sot
Number of TPs and TTL List		<u>Set</u> (This IE is repeated for TEL number.)
		(This IE is repeated for TFT humber.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to 1534.108 clause 6.10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<u>- CRC size</u>		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Uplink transport channel type</li> </ul>		<u>DCH</u>
<ul> <li>UL Transport channel identity</li> </ul>		1
<u>- TFS</u>		
- CHOICE Transport channel type		Dedicated transport channels
<ul> <li>Dynamic Transport format information</li> </ul>		
- RLC Size		Reference to TS34.108 clause 6.10 Parameter
		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34 108 clause 6 10 Parameter
		Set
- Type of channel coding		Reference to TS34 108 clause 6 10 Parameter
		Set
- Coding Rate		Reference to TS34 108 clause 6 10 Parameter
		Set
Poto motobing attribute		Set Beforence to TS24 108 cloures 6 10 Decemptor
		Reference to 1334.100 clause 0.10 Falameter
CPC size		Deference to TS24.409 clouise 0.40 Devert
		Reference to 1534.108 clause 6.10 Parameter
Added or Reconfigured UL TrCH information	<u>A8</u>	4 Truths(DUCH for DUCH and 3DCHs for
- Uplink transport channel type		
- UL Transport channel identity		<u>5</u>
<u>- TFS</u>		

Information Element	Condition	Value/remark
- CHOICE Transport channel type	oundition	Dedicated transport channels
- Dynamic Transport format information		Dedicated transport charmels
- RLC Size		Reference to TS34 108 clause 6 10 Parameter
		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
<u> </u>		Reference to TS34.108 clause 6.10 Parameter
		Set
<u>- Uplink transport channel type</u>		
- UL Transport channel identity		1
- IFS		De diseted transport channels
- CHOICE Transport channel type		Dedicated transport channels
		Poteroneo to TS24 108 clause 6 10 Parameter
- <u>RLC 5/28</u>		Reference to 1554.100 clause 0.10 Parameter
- Number of TBs and TTL List		(This IF is repeated for TEL number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34 108 clause 6 10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
<u> </u>		Reference to TS34.108 clause 6.10 Parameter
		Set
- Uplink transport channel type		
		<u>∠</u>
CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		Dedicated transport charmens
- RLC Size		Reference to TS34 108 clause 6 10 Parameter
		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE Logical Channel list		All
<ul> <li>Semi-static Transport Format information</li> </ul>		
<ul> <li>Transmission time interval</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
- Coding Rate		Reterence to TS34.108 clause 6.10 Parameter
		Set
- Rate matching attribute		Reference to 1534.108 clause 6.10 Parameter
		Reference to 1534.108 clause 6.10 Parameter
Liplink transport sharped to be		
- Uplink transport channel type	I	

Information Element	Condition	Value/remark
- UL Transport channel identity		3
- TFS		-
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		
- RLC Size		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Number of TBs and TTI List</li> </ul>		(This IE is repeated for TFI number.)
<ul> <li>Transmission Time Interval</li> </ul>		Not Present
<ul> <li>Number of Transport blocks</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- CHOICE Logical Channel list		All
<ul> <li><u>Semi-static Transport Format information</u></li> </ul>		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		Set
- Type of channel coding		Reference to 1534.108 clause 6.10 Parameter
Coding Data		Set
- Coding Rate		Reference to 1534.108 clause 6.10 Parameter
Data matching attribute		<u>Sel</u> Deference to TS24.108 eleving 6.10 Decemeter
- Rate matching attribute		Reference to 1534.108 clause 6.10 Parameter
CPC size		Set Deference to TS24 108 cloures 6 10 Decemptor
		Reference to 1534.106 clause 6.10 Parameter
		Not Present
Added or Reconfigured TrCH information for		Not Present
DRAC list		NOLFIESEII
Added or Reconfigured LIL TrCH information	A5 A6	Not Present
	A3, A0	EDD
	$\frac{A1, A4, A3,}{A6 A7 A8}$	
	<u>A0,A1,A0</u>	Not Present
- Added or Reconfigured TrCH		Not Present
information for DRAC list		Not Tresent
DL Transport channel information common for all	A1.A7.A8	
transport channel		
- SCCPCH TFCS		Not Present
- CHOICE mode		FDD
- CHOICE DL parameters		SameasUL
DL Transport channel information common for all	A4	
transport channel		
- SCCPCH TFCS		Not Present
- CHOICE mode		FDD
- CHOICE DL parameters		Explicit
- DL DCH TFCS		
- CHOICE TFCI Signalling		<u>Normal</u>
- TFCI Field 1 Information		
- CHOICE TFCS representation		Complete reconfiguration
- IFCS complete reconfigure		
- CHOICE CIFC Size		Number of bits used must be enough to cover
		TC24.400 clause C.40.2.4 December Cet
CTEC information		This IF is reposted for TEC numbers and
		reference to TS24 108 clours 6 10 2 4
CTEC		Deference to TS24 108 clause 6 10.2.4
		Parameter Set
- Power offset information		Not Present
DL Transport channel information common for all	A5 A6	Not Present
transport channel	<u>A3, A0</u>	Not resent
- SCCPCH TECS		
- CHOICE mode		
- CHOICE DL parameters		
Deleted DL TrCH information	A1, A4 A5	Not Present
	A6.A7.A8	
Added or Reconfigured DL TrCH information	A1	
- Downlink transport channel type	<u> </u>	DCH
- DL Transport channel identity		6
- CHOICE DL parameters		Same as UL

Information Element	Condition	Value/remark
- Uplink transport channel type		DCH
- UL TrCH identity		1
- DCH quality target		-
- BLER Quality value		-2.0
- Transparent mode signalling info		Not Present
Added or Reconfigured DL TrCH information	A4.A7	2 TrCHs(DCH for DCCH and DCH for DTCH)
- Downlink transport channel type	<u></u>	DCH
- DL Transport channel identity		10
- CHOICE DL parameters		Same as UL
- Uplink transport channel type		DCH
- UL TrCH identity		5
- DCH quality target		_ <u>−</u>
- BLER Quality value		Not Present
- Transparent mode signalling info		Not Present
- Downlink transport channel type		DCH
- DL Transport channel identity		6
- CHOICE DL parameters		Explicit
- TES		
- CHOICE Transport channel type		Dedicated transport channel
- Dynamic transport format information		
- RLC Size		Reference to TS34 108 clause 6 10 Parameter
		Set
- Number of TBs and TTLList		(This IF is repeated for TFL number.)
- Dynamic transport format information		(This is is repeated for in thanbell)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34 108 clause 6 10 Parameter
		Sot
- Semi-static Transport Format information		
- Transmission time interval		Peterence to TS34 108 clause 6 10 Parameter
		Set
- Type of channel coding		Beference to TS34 108 clause 6 10 Parameter
		Set
- Coding Pate		Beference to TS34 108 clause 6 10 Parameter
		Sot
- Pate matching attribute		Beference to TS34 108 clause 6 10 Parameter
		Sot
- CPC size		Beference to TS34 108 clause 6 10 Parameter
		Sot
- DCH quality target		
- BLER Quality value		-2.0
- Transparent mode signalling info		Not Present
Added or Reconfigured DL TrCH information	A8	4 TrCHs(DCH for DCCH and 3DCHs for
<u>Addod of Roconligated DE Hoff information</u>	<u>/</u>	DTCH)
- Downlink transport channel type		DCH
- DL Transport channel identity		10
- CHOICE DL parameters		Same as UL
- Uplink transport channel type		DCH
- UL TrCH identity		5
- DCH quality target		-
- BLER Quality value		Not Present
- Transparent mode signalling info		Not Present
- Downlink transport channel type		DCH
- DL Transport channel identity		6
- CHOICE DL parameters		Explicit
- TFS		
- CHOICE Transport channel type		Dedicated transport channel
- Dynamic transport format information		
- RLC Size		Reference to TS34.108 clause 6.10 Parameter
		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Dynamic transport format information		
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		Set

Information Element	Condition	Value/remark
- Type of channel coding		Reference to TS34.108 clause 6.10 Parameter
- Coding Rate		Set Reference to TS34.108 clause 6.10 Parameter
- Rate matching attribute		Reference to TS34.108 clause 6.10 Parameter
- CRC size		Reference to TS34.108 clause 6.10 Parameter
- DCH quality target		
- BLER Quality value		-2.0
- Transparent mode signalling info		Not Present
<ul> <li>Downlink transport channel type</li> </ul>		DCH
- DL Transport channel identity		$\frac{7}{2}$
- CHOICE DL parameters		Explicit
- CHOICE Transport channel type		Dedicated transport channel
- Dynamic transport format information		
- RLC Size		Reference to TS34.108 clause 6.10 Parameter
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Semi-static Transport Format information</li> </ul>		
- Transmission time interval		Reference to 1S34.108 clause 6.10 Parameter
- Type of channel coding		Reference to TS34.108 clause 6.10 Parameter
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
- Rate matching attribute		Reference to TS34.108 clause 6.10 Parameter
<u> </u>		Reference to TS34.108 clause 6.10 Parameter
- DCH quality target		Set
<u>BLER Quality value</u>		Not Present
- Transparent mode signalling into		
- DL Transport channel identity		8
- CHOICE DL parameters		Explicit
<u>- TFS</u>		
- CHOICE Transport channel type		Dedicated transport channel
		Beference to TS24 108 clouce 6 10 Decemptor
- <u>REC 312e</u>		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter Set
- Semi-static Transport Format information		
<ul> <li>Transmission time interval</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
- Type of channel coding		Set Reference to TS34.108 clause 6.10 Parameter
- Coding Rate		Set Reference to TS34.108 clause 6.10 Parameter
- Rate matching attribute		Set Reference to TS34.108 clause 6.10 Parameter
- CRC size		Set Reference to TS34.108 clause 6.10 Parameter
- DCH quality target		Set
- BLER Quality value		Not Present
- Transparent mode signalling info		Not Present
Added or Reconfigured DL TrCH information	<u>A5, A6</u>	Not Present
Frequency info	<u>A1, A4, A5,</u>	

Information Element	<b>Condition</b>	Value/remark
	<u>A6</u>	
<u>- UARFCN uplink (Nu)</u>		Reference to clause 5.1 Test frequencies
<u> </u>		Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	<u>A1, A4, A7,</u>	<u>33dBm</u>
	<u>A8</u>	
Maximum allowed UL TX power	<u>A5, A6</u>	Not Present
CHOICE channel requirement	<u>A1, A4, A7,</u>	Uplink DPCH info
Listich DDOLL a success a sector lists	<u>A8</u>	
- Uplink DPCH power control Into     DDCCH power offect		6dD
PC Proamble		1 framo
- SRB delay		7 frames
- Power Control Algorithm		Algorithm1
- TPC step size		1dB
- Scrambling code type		Long
- Scrambling code number		0 (0 to 16777215)
- Number of DPDCH		Not Present(1)
<ul> <li>spreading factor</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
<u> </u>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Number of FBI bit		Reference to TS34.108 clause 6.10 Parameter
Duraturia e Limit		Set
<u>- Puncturing Limit</u>		Reference to 1534.108 clause 6.10 Parameter
		Sel
		EDD
	$\frac{A1, A4, A5}{\Delta 6 \Delta 7 \Delta 8}$	FDD
- Downlink PDSCH information	<u>A0,A1,A0</u>	Not Present
Downlink information common for all radio links	A1	
- Downlink DPCH info common for all RL	<u></u>	
- Timing indicator		Maintain
- CFN-targetSFN frame offset		Not Present
<ul> <li>Downlink DPCH power control information</li> </ul>		
<u> </u>		<u>0 (single)</u>
<u>- CHOICE mode</u>		FDD
<u>Pilot-DPDCH</u>		
- DL rate matching restriction information		Not Present
- Spreading factor		Reference to 1534.108 clause 6.10 Parameter
- Fixed or Flexible Position		Beference to TS3/ 108 clause 6 10 Parameter
		Set
- TECL existence		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE SF		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE mode		FDD
<ul> <li>DPCH compressed mode info</li> </ul>		Not Present
<u>- TX Diversity mode</u>		None
<u>- SSDT information</u>		Not Present
<u>- Default DPCH Offset Value</u>		Not Present
Downlink information common for all radio links	<u>A4,A7,A8</u>	
- Downlink DPCH into common for all RL		Maintain
- CEN-targetSEN frame offset		Not Present
- Downlink DPCH power control information		Not resent
- DPC mode		0 (single)
- CHOICE mode		FDD
- Power offset P <sub>Pilot-DPDCH</sub>		0
- DL rate matching restriction information		Not Present
- Spreading factor		Reference to TS34.108 clause 6.10 Parameter
		Set
- Fixed or Flexible Position		Reference to TS34.108 clause 6.10 Parameter
TEOL		Set
- IFCI existence		Reference to 1534.108 clause 6.10 Parameter
		Set Reference to TS34.108 clause 6.10 Parameter
		Reference to 1004.100 clause 0.10 Falailleter

Information Element	Condition	Value/remark
		Set
<u>- CHOICE mode</u>		FDD
<u>- DPCH compressed mode info</u>		Not Present
- <u>SSDT information</u>		Not Present
- Default DPCH Offset Value		Arbitrary set to value 0, 306688 by step of 512
Downlink information common for all radio links	A5.A6	Not Present
Downlink information for each radio link list	A1	
- Downlink information for each radio link		
- Choice mode		FDD
<u> </u>		
- Primary scrambling code		Ref. to the Default setting in 1S34.108 clause
- PDSCH with SHO DCH info		0.1 (FDD) Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		
- Primary CPICH usage for channel estimation		Primary CPICH may be used
- DPCH frame offset		0 chips
<ul> <li>Secondary CPICH info</li> </ul>		Not Present
<u>- DL channelisation code</u>		
- Secondary scrambling code		$\frac{1}{2}$
- Spreading factor		Reference to 1534.108 clause 6.10 Parameter
- Code number		
- Scrambling code change		v No change
- TPC combination index		
- SSDT Cell Identity		Not Present
<ul> <li>Closed loop timing adjustment mode</li> </ul>		Not Present
<ul> <li>SCCPCH information for FACH</li> </ul>		Not Present
Downlink information for each radio link list	<u>A4,A7,A8</u>	
- Downlink information for each radio link		
- <u>Choice mode</u>		
- Primary scrambling code		Ref. to the Default setting in TS34 108 clause
		6.1 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>		Primary CPICH may be used
<u>- DPCH frame offset</u>		Set to value : Default DPCH Offset Value mod
		38400
- Secondary CPICH info		Not Present
- DL channelisation code		Not resent
- Secondary scrambling code		1
- Spreading factor		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Code number		<u>0</u>
<u>- Scrambling code change</u>		No change
- IPC combination index		
- <u>Closed loop timing adjustment mode</u>		Not Present
- SCCPCH information for FACH		Not Present
Downlink information for each radio link list	A5	
- Downlink information for each radio link		
- Choice mode		FDD
- Primary CPICH info		
Primary scrambling code		Ref. to the Default setting in TS34.108 clause
		6.1 (FDD)
- PDSCH with SHO DCH into		Not Present
- FDSCH code mapping		Not present
- SCCPCH information for FACH		Not Present
Downlink information for each radio link list	A6	
- Downlink information for each radio link	<u></u>	
- Choice mode		FDD

Information Element	<b>Condition</b>	Value/remark
- Primary CPICH info		
- Primary scrambling code		Different from the Default setting in TS34.108
		clause 6.1 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		Not present
- SCCPCH information for FACH		Not Present

Condition	Explanation
A1 A2 is defined in TS34.108 clause 9 in message "RADIO BEARER SETUP message: AM or UM (Speech in CS)".	This IE need for "Non speech to CELL DCH from CELL DCH in CS" This IE need for "Speech to CELL DCH from CELL DCH in CS"
A3 is defined in TS34.108 clause 9 in message "RADIO BEARER SETUP message: AM or UM (Packet to CELL DCH from CELL DCH in PS)".	This IE need for "Packet to CELL_DCH from CELL_DCH in PS"
A4 A5 A6 A7 A8	This IE need for "Packet to CELL_DCH from CELL_FACH in PS"This IE need for "Packet to CELL_FACH from CELL_DCH in PS"This IE need for "Packet to CELL_FACH from CELL_FACH in PS"This IE need for "Non speech to CELL_DCH from CELL_FACH in CS"This IE need for "Speech to CELL_DCH from CELL_FACH in CS"

### Contents of RADIO BEARER SETUP COMPLETE message: AM

Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
	the downlink RADIO BEARER SETUP message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active this IF shall be present with the values of the sub
	IFs as stated below. Fise, this IF and the sub-IFs shall be
	absent
- Message authentication code	This IE is checked to see if it is present. The value is
- message authentication code	compared against the XMAC Lyalue computed by SS
BBC Maaaaga aaguanaa numbar	This IE is abacked to app if it is present. The value is used
- KKC Message sequence number	hy SS to compute the XMAC Lyclus
	by 55 to compute the XMAC-I value.
Uplink integrity protection activation into	Not checked.
CHOICE mode	
START	Not checked
COUNT-C activation time	The UE shall include this IE if the following two conditions
	are fulfilled: (a) The RADIO BEARER SETUP message
	did not contain the IE "Ciphering activation time for
	DPCH" and (b) The RADIO BEARER SETUP message
	established the first RB(s) mapped to RLC-TM for a CN
	domain or released the last RB(s) mapped to RLC-TM for
	a CN domain. The presence of this IE depends on the
	following 2 factors: (a) There exists RB(s) mapped to
	RLC-TM and (b) UE is transiting to CELL_DCH state after
	the RB establishment procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	If ciphering is not activated in RADIO BEARER SETUP
	message, this IE must be absent. Else, SS checks this IE
	for the presence of activation times of all ciphered uplink
	RLC-UM and RLC-AM RBs.
Uplink counter synchronisation info	Not checked

# Contents of RADIO BEARER SETUP FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identitifer	Checked to see if it is set to identical value of the same IE
	in the downlink RADIO BEARER SETUP message.
Integrity check info	The presence if this IE is dependent on IXIT statements in
	TS 34.123-2. if integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Checked to see if it meets test requirement
Radio bearers for which reconfiguration would have	Not checked
succeeded	

# Contents of RADIO BEARER RECONFIGURATION message: AM or UM

Information Element	Condition	Value/remark
Message Type	A1,A2,A3,	
	A4,A5,A6	
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3
Integrity check info		tatements in TS 34 123-2. If integrity
		protection is indicated to be active, this IF is
		present with the values of the sub IEs as
		stated below. Else, this IE and the sub-IEs are
- message authentication code		omitted. SS calculates the value of MAC-I for this
PPC massage sequence number		message and writes to this IE.
- Kito message sequence number		internal counter.
Integrity protection mode info		Not Present
<u>Ciphering mode info</u>		Not Present
Activation time	<u>A1,A2,A3,</u> A4	(256+CFN-(CFN MOD 8 + 8))MOD 256
Activation time	A5,A6	Not Present
New U-RNTI		Not Present
New C-RNTI	<u>A1, A2, A3,</u>	Not Present
New C-RNTI	<u>A4.</u> A5 A6	'1010 1010 1010 1010'
New DSCH-RNTI	A1, A2, A3.	Not Present
	<u>A4, A5, A6</u>	
RRC State indicator	<u>A1, A2, A3,</u>	CELL_DCH
RRC State indicator	A5. A6	CELL FACH
UTRAN DRX cycle length coefficient	<u>A1,A2,A3,</u>	Not Present
CN information info	<u>A4,A5,A0</u>	Not Present
URA identity		Not Present
RAB information to reconfigure list		Not Present
RB information to reconfigure list	<u>A1</u>	TS25.331 specifies that "Although this IE is not
		always required, need is MP to align with
- RB information to reconfigure		(UM DCCH for RRC)
- RB identity		1
- PDCP info		Not Present
- PDCP SN info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for RRC)
- RB identity		2
- PDCP info		Not Present
- PDCP SN INIO - RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for NAS_DT High priority)
- RB identity		$\frac{3}{2}$
		Not Present
- RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for NAS_DT Low priority)
- RB laentity - PDCP info		4 Not Present
- PDCP SN info		Not Present
- RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB identity		
- ND IUGHILLY	I	

Information Element	Condition	Value/remark
- PDCP info		Not Present
- PDCP SN info		Not Present
<u> </u>		Not Present
<u>- RB mapping info</u>		Not Present
- RB stop/continue	10	Not Present
RB information to reconfigure list	<u>A2</u>	IS25.331 specifies that "Although this IE is not always required need is MP to align with
		ASN.1".
- RB information to reconfigure		(UM DCCH for RRC)
- RB identity		1
- PDCP info		Not Present
- PDCP SN info		Not Present
<u> </u>		Not Present
<u>- RB mapping info</u>		Not Present
- RB stop/continue		(AM DCCH for RPC)
- RB identity		2
- PDCP info		E Not Present
- PDCP SN info		Not Present
- RLC info		Not Present
<u>- RB mapping info</u>		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for NAS_DT High priority)
- RB identity		3 Not Present
- PDCP IIII0 - PDCP SN info		Not Present
- RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for NAS_DT Low priority)
- RB identity		<u>4</u>
<u> </u>		Not Present
<u>- PDCP SN info</u>		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
- RB information to reconfigure		(TM DTCH)
- RB identity		10
- PDCP info		Not Present
- PDCP SN info		Not Present
<u> </u>		Not Present
<u>- RB mapping into</u>		Not Present
- RB stop/continue RB information to reconfigure		(TM DTCH)
- RB identity		<u>(IM DICH)</u> 11
- PDCP info		Not Present
- PDCP SN info		Not Present
- RLC info		Not Present
- RB mapping info		Not Present
<u>- RB stop/continue</u>		Not Present (TA DISCH)
- RB information to reconfigure		(IMDICH) (This IF is needed for 12.2 kbns and 10.2
		(This is needed for 12.2 kbps and 10.2 kbps)
- RB identity		12
- PDCP info		Not Present
- PDCP SN info		Not Present
RLC info		Not Present
- RB mapping info		Not Present
- RB stop/continue		Not Present
KB information to reconfigure list	<u>A3,A4,A5,</u>	IS25.331 specifies that "Although this IE is not
	<u>Ap</u>	aiways required, need is MP to align with
- RB information to reconfigure		(UM DCCH for RRC)
- RB identity		1
- PDCP info		Not Present
- PDCP SN info		Not Present
RLC info		Not Present

	Information Element	<b>Condition</b>	Value/remark
	- RB mapping info		Not Present
	- RB stop/continue		Not Present
	- RB information to reconfigure		(AM DCCH for RRC)
	- RB identity		$\frac{2}{2}$
	- PDCP Info DDCD SN info		Not Present
	- PDCP SN IIIO - RLC info		Not Present
RB stractornitume        RB information to reconfigure        RB information to reall transport </td <td>- RB mapping info</td> <td></td> <td>Not Present</td>	- RB mapping info		Not Present
- RB information to reconfigure         - RB information to reconfigure         - RDCP info         - PDCP info         - PDCP info         - RDC information to reconfigure         - RB information         - RDCP Pinto         - RDCP Pinto         - RDCP Pinto         - RDCP Pinto         - RE information         - RE information         - RE information<	- RB stop/continue		Not Present
- RB identity       3         - PDCP Into       Not Present         - RB mapping into       Not Present         - RB information to reconfigure       4         - RB information to reconfigure       1         - RB information to reconfigure       1         - RB information to reconfigure       20         - RB information to reconfigure       20         - RB information to reconfigure       20         - RB information to be affected       A1, A2, A3, A4, A5         - RB information to be affected       A1, A2, A3, A4, A5         - RB information for all transport       A5, A6         - RD - RACH TFCS       A5, A6         - RD - RACH TFCS       A1, A2, A3, A5         - RD - RACH TFCS       A1, A2, A3, A5         - CHOICE FTC Signalling       A1, A2, A3, A5         - CHOICE TFCS       A3, A4         - RACH TFCS       - CHOICE TFC signalling         - TFC information       - CHOICE TFC signalling         - CHOICE TFC Signallin	- RB information to reconfigure		(AM DCCH for NAS_DT High priority)
PDCP info     PDCP SN info     Reference TFC ID     CHOICE mode     CFFC     CFFC     Can factor Bd     Computed Gain Factors)     CHOICE TFC Streem     Computed Gain Factors)     CHOICE TFC Streem     Computed Gain Factors)     CHOICE TFC Streem     Computed Gain Factors)     Computed Gain Factors)     CHOICE Gain Factors     Computed Gain Factors)     CHOICE Gain Factors     Computed Gain Factors)     Computed Gain	- RB identity		3
- PDCP SN info     - RE information to reconfigure     - RB information to be affected     A1_A2_     Not Present	- PDCP info		Not Present
- RC into       Not Present         - RB stop/continue       Not Present         - RB indovicontinue       Not Present         - RB indovicontinue       Not Present         - RD information to reconfigure       Not Present         - RB indovicontinue       A1. A2,         - RD indovicontinue       A1. A2,         - Present       Not Present         - CHOICE TFCS isoresentation	<u>PDCP SN info</u>		Not Present
- Rb Indop/Ind III0	<u> </u>		Not Present
	- RB mapping into RB stop/continue		Not Present
- RB identity       - RDCP info         - PDCP SN info       - RLC info         - RB indentity       - RDCP SN info         - RDCP SN info       - A1.A2,         AA       - RDCP SN info         - PRACH TFCS       - CHOICE mode         - CHOICE TFC Since       - CTFC information	- RB information to reconfigure		(AM DCCH for NAS_DT Low priority)
<ul> <li>PDCP into</li> <li>PDCP state</li> <li>PDCP SN into</li> <li>RB mapping info</li> <li>RB information to reconfigure</li> <li>RD apping info</li> <li>PDCP SN info</li> <li>RB information to be affected</li> <li>A1. A2, A5.46</li> <li>Not Present</li> <li>No</li></ul>	- RB identity		4
PDCP SN info     RE information to reconfigure     Re information to be affected     A1, A2,     Re information to be affected     A1, A2,     A3,A4,A5,     A6     UL Transport channel information for all transport     channels     A1, A2,     A3,A4,A5,     A6     UL Transport channel information for all transport     channels     CHOICE TFCL signalling     -PRCH TFCS     -CHOICE TFCL signalling     -CTFC     -Corputed Gain Factors(The last TFC is set to     Signalled Gain Factors(The last TFC is set to     Signalled Gain Factors)     -Gain factor Bc     -Reference TFC ID     -CHOICE Gain Factors is set     to Computed Gain Factors is set     to Com	- PDCP info		Not Present
- RLC info       Not Present         - RB stop/continue       Not Present         - RB information to reconfigure	- PDCP SN info		Not Present
- RB mapping info       Not Present         - RB information to reconfigure       Not Present         - RB information to reconfigure       Not Present         - RB information to reconfigure       Not Present         - RD CP SN info       Not Present         - RD pOCP SN info       Not Present         - RU polycontinue       Not Present         - RB mapping info       A1, A2, A3, A4, A5, A6         - RB polycontinue       Not Present         RE binformation to be affected       A1, A2, A46, A5, A6         - RD tapport channel information for all transport channel information       A3, A4         - PRACH TFCS       Not Present         - CHOICE TFC isgnalling       Normal         - CTFC information       Complete reconfiguration         - CTFC       State information         - CTFC       State information         - CHOICE Gain Factors       State information in Complete reconfigure information         - CTFC       Parameter Sate information         - CT	- RLC info		Not Present
RB idportation to reconfigure       Not Present        RB identity       20        PDCP into       20        PDCP into       20        PDCP into       20        RE stop/continue       Not Present        RB stop/continue       A1, A2, A3, A4, A5, A6         UL Transport channel information for all transport channels       A1, A2, A5, A6         UL Transport channel information for all transport channels       A1, A2, A5, A6        PRACH TFCS       A1, A2, A5, A6        PRACH TFCS       A3, A4        PRACH TFCS       Not Present        CHOICE TFC Srepresentation       Normal        TFC subset       Normal        CTFC information       Complete reconfigure information        CTFC information       Complete reconfigure information        CTFC information       Complete reconfigure information        CTFC       Signaliang        OTFC       Signaliang	- RB mapping info		Not Present
RB information to reconfigure       (AM D1CH)        RD (refunction to reconfigure)       20        PDCP info       Not Present        RD (refunction to be affected)       A1, A2, A3, A4, A5, A6        RD stort channel information for all transport       A1, A2, A5, A6         UL Transport channel information for all transport       A1, A2, A5, A6        PRACH TFCS       Not Present        PRACH TFCS       A3, A4, A5, A6        CHOICE mode       A1, A2, A5, A6        TFC subset       A3, A4        TFC subset       A1, A2, A5, A6        CHOICE TFCS isgnalling       A3, A4        TFCS complete reconfigure information       Complete reconfiguration        TFCS complete reconfigure information       Complete reconfiguration        TFCC information       CHOICE TFC Size        OHOICE TFC Size       Complete reconfiguration        CTFC      CTFC        OHOICE Gain Factors       Computed Gain Factors)        Gain factor Bc       11 (below 64 kbps)        Gain factor Bc       0        Gain factor Bc       15        Reference TFC ID       -        Reference TFC ID       0        Reference TFC ID       0	<u>- RB stop/continue</u>		Not Present
FB Identity       Au        PDCP SN info       Not Present        RB stop/continue       Not Present        RB stop/continue       A1, A2, A3,A4,A5, A6        RB stop/continue       A1, A2, A3,A4,A5, A6	- RB information to reconfigure		(AM DICH)
PDCF SN info       Not Present        RLC info       Not Present        RB stop/continue       A1, A2,         RB information to be affected       A1, A2,         A3,A4,A5,       Not Present        RE may bing info       A3,A4,A5,	<u> </u>		20 Not Present
- RUC info       Not Present         - RB mapping info       Not Present         - RB information to be affected       A1, A2, A3, A4, A5, A6         RB information to be affected       A1, A2, A3, A4, A5, A6         UL Transport channel information for all transport channels       A1, A2, A5, A6         UL Transport channel information for all transport channels       A1, A2, A5, A6         -PRACH TFCS       Not Present         -PRACH TFCS       Not Present         -CHOICE mode       Not Present         -TFC is ubset       Not Present         -UL DCH TFCS       Not Present         -CHOICE TFCS representation       Normal         -CHOICE TFCS representation       Complete reconfiguration         -CHOICE TFCS representation       Normal         -CHOICE TFCS representation       Complete reconfiguration         -CHOICE TFCS is representation       Normal         -CTFC       Normation         -CHOICE CTFC Size       Normations of CTFC intromose and reference to TS34 (108 chause 6: 10.2.4         - CTFC       Normation         - CTFC       Computed Gain Factors(The last TFC is set to Signalled Gain Factors)         - CHOICE Gain Factor Bc       Not Present if the CHOICE Gain Factors is set to Signalled Gain Factors)         - Gain factor Bd       Not Pres	- PDCP SN info		Not Present
RB mapping info       Not Present        RB stop/continue       A1, A2,         RB information to be affected       A1, A2,         A3,A4,A5,       A6         UL Transport channel information for all transport       A1, A2,         channels       A1, A2,	- RLC info		Not Present
- RB stop/continue       Not Present         RB information to be affected       A1, A2, A3,A4,A5, A6       Not Present         UL Transport channel information for all transport channels       A1, A2, A5,A6       Not Present         UL Transport channel information for all transport channels       A1, A2, A5,A6       Not Present         UL Transport channel information for all transport channels       A3, A4       Not Present         - PRACH TFCS       - PRACH TFCS       Not Present         - CHOICE mode       - PRACH TFCS       Not Present         - UL DCH TFCS       - OFFICE signalling       Normal         - TFC subset       Normal       Complete reconfiguration         - CHOICE TFCS representation       - CTFC from TS34,108 clause 6, 10,2,4         - CTFC information       - CTFC from TS34,108 clause 6, 10,2,4         - CTFC       - CTFC         - OCHOICE Gain Factors       - Computed Gain Factors(The last TFC is set to Signalled Gain Factors)         - Gain factor βc       9 (higher than 64 kbps) (Not Present ff the CHOICE Gain Factors is set to Computed Gain Factors)         - Gain factor βd       - Reference TFC ID - CHOICE mode       - Reference TFC ID	- RB mapping info		Not Present
RB information to be affected       A1, A2, A3, A4, A5, A6       Not Present         UL Transport channel information for all transport channels       A1, A2, A5, A6       Not Present         UL Transport channel information for all transport channels       A1, A2, A5, A6       Not Present         UL Transport channel information for all transport channels       A1, A2, A5, A6       Not Present         UL Transport channel information for all transport channels       A3, A4       Not Present         - CHOICE mode       Not Present       FDD Not Present         - CHOICE TFCI signalling       Normal       Complete reconfiguration         - CHOICE TFCS representation       Normal       Complete reconfiguration         - CHOICE TFC Size       Normation       Complete reconfiguration         - CTFC       - CTFC       Size All and Factors       Normatice of Dife used must be enough to cover all containations of CTFC from TSM, D02         - CTFC       - CTFC       Size All and Factors (Stellar)       Normatice of Dife used must be enough to cover all containations of CTFC from TSM, D02         - CTFC       - CTFC       - CTFC       Size All and Cause 6, 10,2,4         - CHOICE Gain Factors       - Computed Gain Factors(The last TFC is set to Signalle Gain Factors)       Signalle Gain Factors)         - Gain factor Bd       - Gain factor Bd       If (Not Present if the CHOICE Gain Fa	- RB stop/continue		Not Present
A3,A4,A5, A6       Not Present         UL Transport channel information for all transport channels       A1, A2, A5,A6       Not Present         UL Transport channel information for all transport channels       A3,A4       Not Present         - PRACH TFCS       Not Present       Not Present         - CHOICE mode       Not Present       Not Present         - TFC subset       Not Present       Not Present         - CHOICE TFCI signalling       - TFC Field 1 information       Complete reconfiguration         - CHOICE TFC Stepresentation       Complete reconfiguration       Normal         - CTFC information       - CTFC information       Normal is steppided for TFC numbers and reference to 1534-108 clause 6.10.2.4         - CTFC       - CTFC       Reference to 1534-108 clause 6.10.2.4         - Power offset information       - CHOICE Gain Factors       Stignalled Gain Factors(The last TFC is set to Signalled Gain Factors)         - Gain factor ßd       - Gain factor ßd       11 (below 64 klops)       9 (higher than 64 klops)         - Gain factor ßd       15       Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)       15         - Gain factor ßd       - Store field to CONCE Gain Factors is set to ComputedGain Factors)       15	RB information to be affected	<u>A1, A2,</u>	Not Present
A6       A6         UL Transport channel information for all transport channels       A1, A2, A5,A6       Not Present         UL Transport channel information for all transport channels       A3, A4       Not Present         · PRACH TFCS       · Otholce mode       Not Present         · CHOICE mode       · Otholce TFCS       Not Present         · UL DCH TFCS       · Otholce TFCS       Not Present         · Otholce TFCS representation       · Otholce TFCS representation       Complete reconfiguration         · CHOICE TFCS       · CHOICE TFCS       Not Present         · OCHOICE TFCS representation       · Otholce TFCS representation       Complete reconfiguration         · CTFC information       · CTFC state       Number of bits used must be enough to cover all combinations of CTFC from TS34 108 clause 6, 10.2.4         · CTFC       · CTFC       · CTFC         · Power offset information       · CTFC information         · CTFC       · CTFC         · Power offset information       · CTFC is set to Signalled Gain Factors()         · CHOICE Gain Factors       · Othor TS34 108 clause 6, 10.2.4         · Parameter Set       · Computed Gain Factors()         · Cain factor Bd       · Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)         · Gain factor Bd       · Signalled Gain Factors)<		<u>A3,A4,A5,</u>	
UL Transport channel information for all transport channels       A1, A2, A5, A6       Not Present         UL Transport channel information for all transport channels       A3, A4       Not Present         - PRACH TFCS       A3, A4       Not Present         - CHOICE mode       FDD       Not Present         - TFC subset       Not Present       Not Present         - UL DCH TFCS       Complete reconfiguration       Complete reconfiguration         - TFC Field 1 information       Complete reconfiguration       Normal         - CHOICE TFCS representation       Complete reconfiguration       Normal         - CTFC information       - CTFC Number of bits used must be enough to cover all combinations of CTFC from TS34, 109 clause 6, 10, 2, 4 Parameter Set, This FL is repeated for TFC numbers and reference to TS34, 108 clause 6, 10, 2, 4         - CTFC       - CTFC       - CTFC         - Power offset information       - CHOICE Gain Factors         - Gain factor ßc       11 (below 64 kbps) (Not Present if the CHOICE Gain Factors is set to Computed Gain Factors)         - Gain factor ßd       15 (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)         - Reference TFC ID - CHOICE mode       0		<u>A6</u>	
Channels       AS.A6         UL Transport channel information for all transport channels       AS.A4         - PRACH TFCS       Not Present         - CHOICE mode       Not Present         - TFC subset       Normal         - CHOICE TFCS representation       Complete reconfiguration         - CHOICE TFCS representation       Complete reconfiguration         - CHOICE TFC Size       Number of bits used must be enough to cover all combinations of CIFC from TS34, 108 clause 6, 10, 2, 4 Parameter Set.         - CTFC information       This IE is repeated for TFC numbers and reference to TS34, 108 clause 6, 10, 2, 4         - CTFC       Reference to TS34, 108 clause 6, 10, 2, 4         - CTFC       Reference to TS34, 108 clause 6, 10, 2, 4         - CTFC       Reference to TS34, 108 clause 6, 10, 2, 4         - CHOICE Gain Factors       Computed Gain Factors(The last TFC is set to Signalled Gain Factors)         - Gain factor ßc       I (below 64 kbps) 9 (Inigher than 64 kbps) 9 (Inigher than 64 kbps)         - CHOICE Gain Factor ßd       I (below 64 kbps) 9 (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)         - Gain factor ßd       I (below 64 kbps) 9 (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)         - Gain factor ßd       Present if the CHOICE Gain Factors is set to ComputedGain Factors)	UL Transport channel information for all transport	<u>A1, A2,</u>	Not Present
UL Transport channel information for all transport channels     A3. A4       - PRACH TFCS     - CHOICE mode       - TFC subset     Not Present       - UL DCH TFCS     Normal       - TFCI signalling     Normal       - TFCI signalling     Complete reconfiguration       - TFCS complete reconfigure information     Ormal       - CHOICE TFCS representation     Complete reconfiguration       - CHOICE TFCS representation     Number of bits used must be enough to cover all combinations of CTFC ron TS34.108 clause 6.10.2.4 Parameter Set.       - CTFC     Information       - CTFC     Information       - CTFC     Signalled Gain Factors       - OTFC     Gain factor ßc       - Gain factor ßc     Information       - Gain factor ßd     Information       - CHOICE Gain Factors     Information       - CHOICE Gain Factors     Information       - CHOICE Gain factor ßd     Information       - CHOICE mode     Information	channels	<u>A5,A6</u>	
UL Transport channel information for all transport channels       A3, A4         - PRACH TFCS       Not Present         - CHOICE mode       FDD         - TFC subset       Not Present         - UL DCH TFCS       Not Present         - UL DCH TFCS       Normal         - CHOICE TFCI signalling       Normal         - TFCI Field 1 information       Complete reconfigure information         - CHOICE TFCS scoplete reconfigure information       Number of bits used must be enough to cover all combinations of CTFC from TS34.108         - CTFC information       Number of bits used must be enough to cover all combinations of CTFC from TS34.108         - CTFC       Parameter Set         - CTFC       Parameter Set         - CHOICE Gain Factors       Computed Gain Factors(The last TFC is set to Signalled Gain Factors)         - Gain factor βc       11 (below 64 kbps)         - Gain factor βd       15         - Reference TFC ID       15         - Reference TFC ID       15         - CHOICE mode       9			
channels       Not Present         - PRACH TFCS       FDD         - TFC subset       Not Present         - UL DCH TFCS       Normal         - TFC1 Field 1 information       Complete reconfiguration         - CHOICE TFCS representation       Complete reconfiguration         - CHOICE TFCS representation       Complete reconfiguration         - CHOICE TFC Size       Number of bits used must be enough to cover all combinations of CTFC from TS34.108 clause 6.10.2.4 Parameter Set.         - CTFC information       This IE is repeated for TFC numbers and reference to TS34.108 clause 6.10.2.4         - CTFC       Reference to TS34.108 clause 6.10.2.4         - CTFC       Reference to TS34.108 clause 6.10.2.4         - CTFC       Reference to TS34.108 clause 6.10.2.4         - CHOICE Gain Factors       Computed Gain Factors(The last TFC is set to Signalled Gain Factors)         - Gain factor βc       11 (below 64 kbps)         - Gain factor βc       15         - Gain factor βd       15         - Seference TFC ID       0         - CHOICE mode       FDD	UL Transport channel information for all transport	A3, A4	
- PRACH TECS       Not Present         - CHOICE mode       FDD         - TFC subset       Not Present         - UL DCH TFCS       Normal         - CHOICE TFCI signalling       Normal         - TFCS complete reconfigure information       Complete reconfiguration         - CHOICE TFCS representation       Complete reconfiguration         - CHOICE CTFC Size       Number of bits used must be enough to cover all combinations of CTFC from TS34.108 clause 6.10.2.4 Parameter Set.         - CTFC information       This L is repeated for TFC numbers and reference to TS34.108 clause 6.10.2.4         - CTFC       Reference to TS34.108 clause 6.10.2.4         - CTFC       Reference to TS34.108 clause 6.10.2.4         - CHOICE Gain Factors       Computed Gain Factors(The last TFC is set to Signalled Gain Factors)         - Gain factor βc       1 (below 64 kbps)         - Gain factor βd       15         - Gain factor βd       15         - Reference TFC ID       9         - CHOICE mode       9	channels		
- CHOICE mode       FDD         - TFC subset       Not Present         - UL DCH TFCS       Normal         - CHOICE TFCI signalling       Normal         - TFCI Field 1 information       Complete reconfiguration         - CHOICE TFCS complete reconfigure information       Complete reconfiguration         - TFCC size       Number of bits used must be enough to cover all combinations of CTFC from TS34.108 clause 6.10.2.4 Parameter Set.         - CTFC information       This E is repeated for TFC numbers and reference to TS34.108 clause 6.10.2.4.         - CTFC       Parameter Set         - CTFC       Reference to TS34.108 clause 6.10.2.4.         - Power offset information       Computed Gain Factors(The last TFC is set to Signalled Gain Factors)         - Gain factor βc       11 (below 64 kbps)         - Gain factor βc       15 (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)         - Gain factor βd       15 (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)         - Reference TFC ID       0         - CHOICE mode       FDD	- PRACH TFCS		Not Present
- IFC subset     Not Present       - UL DCH TFCS     Normal       - CHOICE TFCI signalling     Normal       - CHOICE TFCS representation     Complete reconfiguration       - TFCS complete reconfigure information     Complete reconfiguration       - CHOICE TFC Size     Number of bits used must be enough to cover all combinations of CTFC from TS34.108       - CTFC information     This IE is repeated for TFC numbers and reference to TS34.108 clause 6.10.2.4       - CTFC     Parameter Set       - CTFC     Reference to TS34.108 clause 6.10.2.4       - Power offset information     Computed Gain Factors(The last TFC is set to Signalled Gain Factors)       - Gain factor βc     11 (below 64 kbps)       - Gain factor βd     15       - Gain factor βd     15       - Reference TFC ID     0       - Reference TFC ID     0       - CHOICE Gain Factors)     0	<u>- CHOICE mode</u>		FDD
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	- IFC subset		Not Present
- TFCI Field 1 information       - Complete reconfiguration         - CHOICE TFCS representation       - Complete reconfiguration         - CHOICE CTFC Size       Number of bits used must be enough to cover all combinations of CTFC from TS34.108         - CTFC information       This IE is repeated for TFC numbers and reference to TS34.108 clause 6.10.2.4         - CTFC       Parameter Set         - CTFC       Reference to TS34.108 clause 6.10.2.4         Parameter Set       - CTFC         - CTFC       Reference to TS34.108 clause 6.10.2.4         - Gain factor βc       11 (below 64 kbps)         - Gain factor βd       15         - Gain factor βd       15         - Reference TFC ID       0         - CHOICE mode       FDD	<u>- UL DUH TEUS</u>		Normal
- CHOICE TFCS representation       - Complete reconfiguration         - CHOICE CTFC Size       Number of bits used must be enough to cover all combinations of CTFC from TS34.108         - CTFC information       Inis IE is repeated for TFC numbers and reference to TS34.108 clause 6.10.2.4         - CTFC       Parameter Set         - CTFC       Reference to TS34.108 clause 6.10.2.4         Parameter Set       - CTFC         - CTFC       Reference to TS34.108 clause 6.10.2.4         - CTFC       Reference TS34.108 clause 6.10.2.4         - CTFC       Reference TS34.108 clause 6.10.2.4         - Gain factor βc       Computed Gain Factors(The last TFC is set to Signalled Gain Factors)         - Gain factor βc       11 (below 64 kbps)         - Gain factor βd       15         - Gain factor βd       15         - Reference TFC ID       0         - CHOICE mode       FDD	- TECL Field 1 information		Normai
- TFCS complete reconfigure information         - CHOICE CTFC Size         Number of bits used must be enough to cover all combinations of CTFC from TS34.108 clause 6, 10, 2, 4 Parameter Set.         - CTFC information         - CTFC         Reference to TS34.108 clause 6, 10, 2, 4         Parameter Set         - CTFC         Reference to TS34.108 clause 6, 10, 2, 4         Parameter Set         - CHOICE Gain Factors         - Gain factor βc         - Gain factor βc         - Gain factor βd         - Gain factor βd         - Reference TFC ID         - CHOICE mode	- CHOICE TECS representation		Complete reconfiguration
- CHOICE CTFC Size       Number of bits used must be enough to cover all combinations of CTFC from TS34.108 clause 6.10.2.4 Parameter Set.         - CTFC information       This IE is repeated for TFC numbers and reference to TS34.108 clause 6.10.2.4         - CTFC       Reference to TS34.108 clause 6.10.2.4         - CHOICE Gain Factors       Computed Gain Factors(The last TFC is set to Signalled Gain Factors)         - Gain factor βc       11 (below 64 kbps)         - Gain factor βd       15         - Gain factor βd       15         - Reference TFC ID       0         - CHOICE mode       FDD	- TFCS complete reconfigure information		
all combinations of CTFC from TS34.108 clause 6.10.2.4 Parameter Set CTFC information- CTFC- CTFCParameter Set- CTFCReference to TS34.108 clause 6.10.2.4 Parameter SetPower offset information - CHOICE Gain Factors- Gain factor βc- Gain factor βd- Gain factor βd- Reference TFC ID - CHOICE mode- Reference TFC ID - CHOICE mode	- CHOICE CTFC Size		Number of bits used must be enough to cover
- CTFC informationclause 6.10.2.4 Parameter Set. This IE is repeated for TFC numbers and reference to TS34.108 clause 6.10.2.4 Parameter Set- CTFCParameter Set Reference to TS34.108 clause 6.10.2.4 Parameter Set- Power offset information - CHOICE Gain FactorsComputed Gain Factors(The last TFC is set to Signalled Gain Factors) 11 (below 64 kbps) 9 (higher than 64 kbps) 9 (higher than 64 kbps) 15 (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors) 15 (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors) 15 (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors) 15 (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors) 15 (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors) 15 (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors) 15 (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors) 0 FDD			all combinations of CTFC from TS34.108
- CTFC information       This IE is repeated for TFC numbers and reference to TS34, 108 clause 6, 10, 2, 4         - CTFC       Parameter Set         - CTFC       Reference to TS34, 108 clause 6, 10, 2, 4         Parameter Set       Parameter Set         - Power offset information       Computed Gain Factors(The last TFC is set to Signalled Gain Factors)         - Gain factor βc       11 (below 64 kbps)         9 (higher than 64 kbps)       9 (higher than 64 kbps)         - Gain factor βd       15         - Reference TFC ID       0         - CHOICE mode       FDD			clause 6.10.2.4 Parameter Set.
- CTFC       Parameter Set         - Power offset information       Reference to TS34, 108 clause 6, 10, 2, 4         - Parameter Set       Reference to TS34, 108 clause 6, 10, 2, 4         Parameter Set       Parameter Set         - CHOICE Gain Factors       Computed Gain Factors(The last TFC is set to Signalled Gain Factors)         - Gain factor βc       11 (below 64 kbps)         - Gain factor βd       (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)         - Gain factor βd       15         - Reference TFC ID       0         - CHOICE mode       FDD	- CTFC information		This IE is repeated for TFC numbers and
- CTFC       Reference to TS34.108 clause 6.10.2.4         - Power offset information       -         - CHOICE Gain Factors       Computed Gain Factors(The last TFC is set to Signalled Gain Factors)         - Gain factor βc       11 (below 64 kbps)         - Gain factor βd       9 (higher than 64 kbps)         - Gain factor βd       15         - Reference TFC ID       0         - CHOICE mode       FDD			reference to 1534.108 clause 6.10.2.4
- Power offset information         - CHOICE Gain Factors         - Gain factor βc         - Gain factor βc         - Gain factor βd         - CHOICE Gain Factors is set to Computed Gain Factors)         - Gain factor βd         - Reference TFC ID         - CHOICE mode			Parameter Set
- Power offset information         - CHOICE Gain Factors         - Gain factor βc         - Gain factor βd         - Gain factor βd         - Gain factor βd         - Reference TFC ID         - CHOICE mode			Parameter Set
- CHOICE Gain Factors       Computed Gain Factors(The last TFC is set to Signalled Gain Factors)         - Gain factor βc       11 (below 64 kbps)         9 (higher than 64 kbps)       9 (higher than 64 kbps)         - Gain factor βd       (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)         - Gain factor βd       15         - Reference TFC ID       Q         - CHOICE mode       FDD	- Power offset information		
- Gain factor βc       Signalled Gain Factors)         - Gain factor βc       11 (below 64 kbps)         - Gain factor βd       9 (higher than 64 kbps)         - Gain factor βd       15         - Reference TFC ID       0         - CHOICE mode       FDD	- CHOICE Gain Factors		Computed Gain Factors(The last TFC is set to
- Gain factor βc       11 (below 64 kbps)         9 (higher than 64 kbps)       9 (higher than 64 kbps)         - Gain factor βd       (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)         - Gain factor βd       15         - Reference TFC ID       0         - CHOICE mode       FDD			Signalled Gain Factors)
- Gain factor βd       9 (higher than 64 kbps) (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)         - Gain factor βd       15 (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)         - Reference TFC ID - CHOICE mode       0 FDD	<u> </u>		<u>11 (below 64 kbps)</u>
- Gain factor βd       (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)         - Gain factor βd       15         - Reference TFC ID       0         - CHOICE mode       FDD			<u>9 (higher than 64 kbps)</u>
- Gain factor βd       15         Reference TFC ID       0         - CHOICE mode       FDD			(Not Present if the CHOICE Gain Factors is set
- Gain factor       pd         - Gain factor       pd         (Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)         - Reference TFC ID       0         - CHOICE mode       FDD	Chin factor Di		to ComputedGain Factors)
- Reference TFC ID     - CHOICE mode	- Gain factor po		10 (Not Present if the CHOICE Cain Easters is act
- Reference TFC ID - CHOICE mode			to ComputedGain Factors)
- CHOICE mode	- Reference TEC ID		
	- CHOICE mode		- FDD

Information Element	<b>Condition</b>	Value/remark
- Power offset P p-m		Not Present
Deleted UL TrCH information	A1, A2, A3,	Not Present
	A4, A5, A6	
Added or Reconfigured UL TrCH information	A1, A2,	Not Present
	A5,A6	
Added or Reconfigured UL TrCH information	A4	2 TrCHs(DCH for DCCH and DCH for DTCH)
- Uplink transport channel type		DCH
- UL Transport channel identity		5
- TFS		-
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		
- RLC Size		Reference to TS34.108 clause 6.10 Parameter
		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34,108 clause 6,10 Parameter
		Set
- Type of channel coding		Reference to TS34 108 clause 6 10 Parameter
		Set
- Coding Rate		Reference to TS34 108 clause 6 10 Parameter
		Set
- Rate matching attribute		Beference to TS34 108 clause 6 10 Parameter
		Set
- CRC size		Beference to TS34 108 clause 6 10 Parameter
		Sot
- Unlink transport channel type		
- UIL Transport channel identity		
		<u> </u>
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		Dedicated transport channels
		Peference to TS34 108 clause 6 10 Parameter
		Set
- Number of TBs and TTL List		(This IE is repeated for TEL number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34 108 clause 6 10 Parameter
		Sot
- CHOICE Logical Chappel list		
- Semi-static Transport Format information		<u>^"</u>
		Poterance to TS24 108 clause 6 10 Parameter
		Celerence to 1354.100 clause 0.10 Parameter
Type of channel coding		Sel Beforence to TS24 108 clause 6 10 Perameter
		Celerence to 1354.100 clause 0.10 Parameter
Coding Poto		Sel Beforence to TS24 108 clause 6 10 Decemptor
		Sot
Dete meteking ettrikute		Sel Deference to TC24 400 elevino C 40 Decementar
		Reference to 1534.108 clause 6.10 Parameter
		Sel Deference to TC24 400 elevino C 40 Decementar
		Reference to 1534.108 clause 6.10 Parameter
Added or Decentioured LIL TrOLLinformention	4.2	
Added or Reconfigured UL TrCH Information	<u>A3</u>	(DCH for DTCH)
- Uplink transport channel type		DCH
		1
		De diaste d'une servet als sur als
- CHUICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		
- KLU SIZE		Reference to 1534.108 clause 6.10 Parameter
Number of TD 1771111		
- Number of TBs and TTT List		(Inisite is repeated for IFI number.)
- Transmission Time Interval		Not Present
<ul> <li>Number of Transport blocks</li> </ul>		Reference to 1S34.108 clause 6.10 Parameter
		Set
- CHOICE Logical Channel list		All
<ul> <li>Semi-static Transport Format information</li> </ul>		
<ul> <li>Transmission time interval</li> </ul>		Reference to TS34.108 clause 6.10 Parameter

Information Element	Condition	Value/remark
- Type of channel coding		Set Reference to TS34.108 clause 6.10 Parameter
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
- Rate matching attribute		Set Reference to TS34.108 clause 6.10 Parameter
- CRC size		Set Reference to TS34.108 clause 6.10 Parameter Set
CHOICE mode	<u>A1,A2,A3,</u>	FDD
<u>- CPCH set ID</u>	<u>A4,A5,A0</u>	Not Present
DRAC list		Not Present
DL Transport channel information common for all transport channel	<u>A1, A2, A5,</u> A6	Not Present
DL Transport channel information common for all	<u>A3,A4</u>	
- SCCPCH TFCS		Not Present
- CHOICE mode		FDD
- CHOICE DL parameters		<u>Explicit</u>
- CHOICE TFCI Signalling		<u>Normal</u>
- CHOICE TFCS representation		Complete reconfiguration
- CHOICE CTFC Size		Number of bits used must be enough to cover
		all combinations of CTFC from clause
- CTFC information		This IE is repeated for TFC numbers and
- CTEC		reference to TS34.108 clause 6.10.2.4
		Parameter Set
- Power offset information		Not Present
Deleted DL TrCH information	<u>A1, A2, A3,</u> A4, A5,A6	Not Present
Added or Reconfigured DL TrCH information	<u>A1, A2, A5,</u> <u>A6</u>	Not Present
Added or Reconfigured DL TrCH information	<u>A4</u>	2 TrCHs(DCH for DCCH and DCH for DTCH)
- DL Transport channel identity		10
- CHOICE DL parameters		Same as UL
<ul> <li>Uplink transport channel type</li> </ul>		DCH
- UL TrCH identity - DCH quality target		<u>5</u>
- BLER Quality value		Not Present
<ul> <li>Transparent mode signalling info</li> </ul>		Not Present
- Downlink transport channel type		DCH
- CHOICE DL parameters		e Explicit
- TFS		
- CHOICE Transport channel type     Dynamic transport format information		Dedicated transport channel
- RLC Size		Reference to TS34.108 clause 6.10 Parameter
Number of TRe and TTL List		Set (This IF is repeated for TFL number.)
- Dynamic transport format information		(This IE is repeated for TFT number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
- Semi-static Transport Format information		<u>Sei</u>
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
- Type of channel coding		Set Reference to TS34.108 clause 6.10 Parameter
- Coding Rate		Set Reference to TS34.108 clause 6.10 Parameter
		Set

Information Element	Condition	Value/remark
- Pate matching attribute	oonation	Peterence to TS34 108 clause 6 10 Parameter
		Sot
CPC size		Deference to TS24 108 clause 6 10 Peremeter
		Cet
DCH quality target		<u>Set</u>
		2.0
<u>- DLER Quality value</u>		-2.0 Not Present
- Transparent mode signaling mit	10	NOLFIESEIIL
Added or Reconfigured DL TrCH Information	<u>A3</u>	DOLL
- Downlink transport channel type		DCH
- DL Transport channel identity		
- CHOICE DL parameters		Explicit
<u>- 1FS</u>		
- CHOICE Transport channel type		Dedicated transport channel
- Dynamic transport format information		
- RLC Size		Reference to 1534.108 clause 6.10 Parameter
		Set (The set of the se
- Number of TBs and TTLList		(This IE is repeated for TFI number.)
- Dynamic transport format information		
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Semi-static Transport Format information</li> </ul>		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<u>Coding Rate</u>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<u>- CRC size</u>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>DCH quality target</li> </ul>		
- BLER Quality value		<u>-2.0</u>
<ul> <li>Transparent mode signalling info</li> </ul>		Not Present
Frequency info	<u>A1,A2,A3,</u>	
	<u>A4,A5,A6</u>	
- UARFCN uplink (Nu)		Reference to clause 5.1 Test frequencies
- UARFCN downlink (Nd)		Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	A1,A2,A3,	<u>33dBm</u>
	A4,A5,A6	
CHOICE channel requirement	A1, A2, A3,	Uplink DPCH info
	A4	
-Uplink DPCH power control info		
- DPCCH power offset		-6dB
- PC Preamble		1 frame
- SRB delay		7 frames
- Power Control Algorithm		Algorithm1
- TPC step size		1dB
- Scrambling code type		Long
- Scrambling code number		$\frac{1}{0}$ (0 to 16777215)
- Number of DPDCH		Not Present(1)
- spreading factor		Reference to TS34 108 clause 6 10 Parameter
		Set
- TECL existence		Reference to TS34 108 clause 6 10 Parameter
		Set
- Number of FBI bit		Beference to TS3/ 108 clause 6 10 Parameter
		Set
- Pupcturing Limit		Beference to TS3/ 108 clause 6 10 Parameter
		Sot
CHOICE channel requirement		Not Procent
	<u>AU, AU</u>	
	<u>A1,A2,A3,</u>	עטי
Downlink DDSCI Linformation	<u>A4,A5,A6</u>	Not Dropont
- DOWNIINK PDSCH INTORMATION		Not Present
Downlink information common for all radio links	<u>A5, A6</u>	NOT Present
Downlink information common for all radio links	<u>A1, A2, A3</u>	

Information Element	<b>Condition</b>	Value/remark
- Downlink DPCH info common for all RL		
<ul> <li>Timing indicator</li> </ul>		Maintain
<ul> <li>CFN-targetSFN frame offset</li> </ul>		Not Present
<ul> <li><u>Downlink DPCH power control information</u></li> </ul>		
<u> </u>		<u>0 (single)</u>
<u>- CHOICE mode</u>		FDD
<u>- Power offset P<sub>Pilot-DPDCH</sub></u>		$\frac{0}{1}$
- DL rate matching restriction information		Not Present
- Spreading factor		Reference to 1S34.108 clause 6.10 Parameter
Fixed or Flexible Desition		Set
		Reference to 1534.108 clause 6.10 Parameter
TECLovietence		<u>Sel</u> Beforence to TS24 108 clause 6 10 Decemptor
		Sot
		Beference to TS3/ 108 clause 6 10 Parameter
		Set
- DPCH compressed mode info		Not Present
- TX Diversity mode		None
- SSDT information		Not Present
- Default DPCH Offset Value		Not Present
Downlink information common for all radio links	A4	
- Downlink DPCH info common for all RL		
- Timing indicator		Initialise
- CFN-targetSFN frame offset		Not Present
- Downlink DPCH power control information		
- DPC mode		<u>0 (single)</u>
- CHOICE mode		FDD
- Power offset Ppilot-DPDCH		<u>0</u>
<ul> <li>DL rate matching restriction information</li> </ul>		Not Present
<u>Spreading factor</u>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Fixed or Flexible Position		Reference to TS34.108 clause 6.10 Parameter
TEOL		Set
- IFCI existence		Reference to 1534.108 clause 6.10 Parameter
		Sei
- CHOICE SF		Reference to 1534.108 clause 6.10 Parameter
- DPCH compressed mode info		Not Present
- TX Diversity mode		None
- SSDT information		Not Present
- Default DPCH Offset Value		Present Arbitrary set to value 0306688 by
		step of 512
Downlink information per radio link list	A1, A2, A3	
-Downlink information for each radio link		
- Choice mode		FDD
- Primary CPICH info		
<ul> <li>Primary scrambling code</li> </ul>		Ref. to the Default setting in TS34.108 clause
		<u>6.1 (FDD)</u>
<ul> <li>PDSCH with SHO DCH info</li> </ul>		Not Present
- PDSCH code mapping		Not Present
<u>- Downlink DPCH info for each RL</u>		
- Primary CPICH usage for channel estimation		Primary CPICH may be used
- DPCH frame offset		<u>U chips</u>
- Secondary CPICH Into		Not Present
- Secondary scrambling code		
<u>- channelisation code</u>		
<u>- DL Chalinelisation code</u>		2
- Spreading factor		E Reference to TS3/ 108 clause 6 10 Parameter
		Sof
- Code number		
- Scrambling code change		× No change
- TPC combination index		
- SSDT Cell Identity		× Not Present
- Closed loop timing adjustment mode		Not Present
- SCCPCH information for FACH		Not Present
Downlink information per radio link list	Δ4	

Information Element	<b>Condition</b>	Value/remark
-Downlink information for each radio link		
- Choice mode		FDD
- Primary CPICH info		
- Primary scrambling code		Ref. to the Default setting in TS34.108 clause
		6.1 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>		Primary CPICH may be used
- DPCH frame offset		Set to value : Default DPCH Offset Value mod
		<u>38400</u>
- Secondary CPICH info		Not Present
<ul> <li>Secondary scrambling code</li> </ul>		
<u>- channelisation code</u>		
- DL channelisation code		
<ul> <li>Secondary scrambling code</li> </ul>		<u>2</u>
<ul> <li><u>Spreading factor</u></li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<u> </u>		<u>0</u>
<ul> <li>Scrambling code change</li> </ul>		No change
- TPC combination index		<u>0</u>
<u>- SSDT Cell Identity</u>		Not Present
<ul> <li>Closed loop timing adjustment mode</li> </ul>		Not Present
<ul> <li>SCCPCH information for FACH</li> </ul>		Not Present
<ul> <li>Downlink information for each radio link</li> </ul>	<u>A5</u>	
<u>- Choice mode</u>		FDD
- Primary CPICH info		
<ul> <li>Primary scrambling code</li> </ul>		Ref. to the Default setting in TS34.108 clause
		<u>6.1 (FDD)</u>
<ul> <li>PDSCH with SHO DCH info</li> </ul>		Not Present
<ul> <li>PDSCH code mapping</li> </ul>		Not Present
<ul> <li>Downlink DPCH info for each RL</li> </ul>		Not present
<u>- SCCPCH Information for FACH</u>		Not Present
<ul> <li>Downlink information for each radio link</li> </ul>	<u>A6</u>	
<u>- Choice mode</u>		FDD
- Primary CPICH info		
<ul> <li>Primary scrambling code</li> </ul>		Different from the Default setting in TS34.108
		<u>clause 6.1 (FDD)</u>
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
<ul> <li>Downlink DPCH info for each RL</li> </ul>		Not Present
- Secondary CCPCH info		Not Present

Conc	dition	Explanation
<u>A1</u>		This IE need for "Non speech in CS"
<u>A2</u>		This IE need for "Speech in CS"
<u>A3</u>		This IE need for "Packet to CELL_DCH from CELL_DCH in PS"
A4		This IE need for "Packet to CELL_DCH from CELL_FACH in PS"
A5		This IE need for "Packet to CELL_FACH from CELL_DCH in PS"
<u>A6</u>		This IE need for "Packet to CELL_FACH from CELL_FACH in PS"

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# Contents of RADIO BEARER RECONFIGURATION FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identitifer	Checked to see if it is set to identical value of the same IE
	in the downlink RADIO BEARER RECONFIGURATION
	message.
Integrity check info	The presence if this IE is dependent on IXIT statements in
	TS 34.123-2. if integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Checked to see if it meets test requirement
Radio bearers for which reconfiguration would have	Not checked
succeeded List	

## Contents of RADIO BEARER RECONFIGURATION COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
	the downlink RADIO BEARER RECONFIGURATION
	COMPLETE message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall
	be absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked
CHOICE mode	FDD
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM and
	(b) UE is transiting to CELL_DCH state after the
	reconfiguration procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

# Contents of RADIO BEARER RELEASE message: AM or UM

Information Element		Value/remark
Message Type	<u>A1, A2, A3,</u>	
	<u>A4, A5, A6,</u>	
	<u>A7, A8</u>	
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3
Integrity check into		The presence of this IE is dependent on IXIT
		statements in 15 34.123-2. If integrity
		present with the values of the sub IEs as
		stated below. Else this IF and the sub-IFs are
		omitted.
- message authentication code		SS calculates the value of MAC-I for this
		message and writes to this IE.
- RRC message sequence number		SS provides the value of this IE, from its
		internal counter.
Integrity protection mode info		Not Present
Ciphering mode info		Not Present
Activation time	<u>A1, A2, A3,</u>	(256+CFN-(CFN MOD 8 + 8))MOD 256
	<u>A4, A7, A8</u>	Net Deserve
	<u>A5, A6</u>	Not Present
New C PNTI		Not Present
	<u>A1,A2,A3,</u>	Not Present
	<u>A4</u> A5 A6 A7	1010 1010 1010 1010
	<u>A8, A0, A7,</u>	
New DSCH-RNTI	A1 A2 A3	Not Present
	A4, A5, A6,	
	A7, A8	
RRC State indicator	A1,A2, A3,	CELL DCH
	A4	
RRC State indicator	A5, A6, A7,	CELL FACH
	<u>A8</u>	
UTRAN DRX cycle length coefficient	<u>A1,A2,A3,</u>	Not Present
	<u>A4,A5,A6,</u>	
	<u>A7, A8</u>	
CN information info		Not Present
Signalling Connection release indication		Not Present
URA identity		Not Present
RAB Information to reconligure list		Not Present
<u>RD Information to release</u>	<u>A1,A2, A7,</u> A8	
- RB identity	<u>70</u>	10
RB information to release	A2 A8	
- RB identity	<u>/(L, / (C</u>	11
RB information to release	A2, A8	
- RB identity		12
RB information to release	<u>A3, A4, A5,</u>	
	<u>A6</u>	
- RB identity		<u>20</u>
RB information to be affected	<u>A1,A2,</u>	Not Present
	<u>A3,A4,A5,</u>	
	<u>A6, A7, A8</u>	
Downlink counter synchronisation into	<u>A1,A2,A3,</u>	Not Present
	<u>A4,A5,A6,</u>	
III. Transport channel information for all transport		TECS reconfigured to fit the new transport
	<u>A1, A2, A3,</u> A4, A5, A6	channel configuration
UI Transport channel information for all transport	A5 A6	Not Present
channels	<u>710, 710</u>	
Deleted UL TrCH Information	A1.A2.A3	
	A7, A8, A4	
- Uplink transport channel type		DCH
- Transport channel identity		1
Deleted UL TrCH Information	<u>A2, A8</u>	
- Uplink transport channel type		DCH
- Transport channel identity		2

Information Element		Value/remark
Deleted III, TrCH Information		value/remark
Liplink transport channel type	<u>AZ, AO</u>	DCH
Transport channel identity		
Deleted III. TrCH Information		Not Procent
Added or Pecentiquied UL TrCH information	<u>A4, A5, A0</u>	Not Present
Added of Reconligured OL TICH Information	<u>A4, A0, A7,</u> A8	<u>Not Plesent</u>
Added or Reconfigured LIL TrCH information		
Added of Reconligured OL Tron information	<u>Α1, Α2, Α3,</u> Δ5	
- Unlink transport channel type	<u>7.0</u>	DCH
- UL Transport channel identity		5
TES		
- CHOICE Transport channel type		Dedicated transport chappels
- Dynamic Transport format information		
		According to TS34 108 clause 6 10 2 4 1 3
		(standalone 13.6 kbps signalling radio bearer)
- Number of TBs and TTLList		(This IF is repeated for TFL number.)
- Transmission Time Interval		According to TS34 108 clause 6 10 2 4 1 3
		(standalone 13.6 kbps signalling radio bearer)
- Number of Transport blocks		According to TS34 108 clause 6 10 2 4 1 3
		(standalone 13.6 kbps signalling radio bearer)
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		According to TS34 108 clause 6 10 2 4 1 3
		(standalone 13.6 kbps signalling radio bearer)
- Type of channel coding		According to TS34 108 clause 6 10 2 4 1 3
		(standalone 13.6 kbps signalling radio bearer)
- Coding Rate		According to TS34,108 clause 6,10,2,4,1,3
		(standalone 13.6 kbps signalling radio bearer)
- Rate matching attribute		According to TS34.108 clause 6.10.2.4.1.3
		(standalone 13.6 kbps signalling radio bearer)
- CRC size		According to TS34.108 clause 6.10.2.4.1.3
		(standalone 13.6 kbps signalling radio bearer)
DL Transport channel information for all transport	A1, A2, A3,	TFCS reconfigured to fit the new transport
channels	A4, A5, A6,	channel configuration.
	A7, A8	
DL Transport channel information for all transport	<u>A5, A6</u>	Not Present
<u>channels</u>		
Deleted DL TrCH Information	<u>A1, A2, A3,</u>	
	<u>A7, A8,A4</u>	
<ul> <li>Downlink transport channel type</li> </ul>		DCH
- Transport channel identity		<u>6</u>
Deleted DL TrCH Information	<u>A2, A8</u>	
<u>- Downlink transport channel type</u>		DCH
- Iransport channel identity		<u>7</u>
Deleted DL TrCH Information	<u>A2, A8</u>	DOU
- Downlink transport channel type		
- Transport channel identity		<u>8</u> Not Descent
Deleted DL TrCH Information	<u>A4, A5, A6</u>	Not Present
Added or Reconfigured DL TrCH information	<u>A4, A6, A7,</u>	Not Present
Added on Description of DL TrOLLinformation	<u>A8</u>	
Added of Reconfigured DL TICH Information	<u>A1, A2, A3,</u>	
Devening kategorient eksennel tane	<u>AD</u>	DOLL
<u>- Downlink transport channel type</u>		
		<u>10</u>
- CHOICE DL parameters		Same as UL
- Uplink transport channel type		
		<u>2</u>
		Net Dresent
- BLER Quality Value		Not Present
- i ransparent mode signalling info		NOT Present
Frequency Into	<u>A1,A2,A3,</u>	
	<u>A4,A5,A6,</u>	
	<u>A7, A8</u>	Potoropoo to clauso 5.1 Toot frequencies
- LIARECN downlink (Nd)		Reference to clause 5.1 Test frequencies

Information Element		Value/remark
CHOICE channel requirement	<u>A5, A6, A7,</u>	Not Present
	<u>A8</u>	Liplink DBCH info
	A1,A2,A3,	
- Uplink DPCH power control info		
- DPCCH power offset		<u>-6dB</u>
<u> </u>		1 frame
- SRB delay - Power Control Algorithm		Algorithm1
- TPC step size		1dB
- Scrambling code type		Long
<u>Scrambling code number</u>		<u>0 (0 to 16777215)</u>
- Number of DPDCH		Not Present(1)
- spreading factor		Reference to 1534.108 clause 6.10 Parameter
- TFCI existence		Reference to TS34.108 clause 6.10 Parameter
		Set
- Number of FBI bit		Reference to TS34.108 clause 6.10 Parameter
Dupoturing Limit		Set
- Puncturing Limit		Reference to 1534.108 clause 6.10 Parameter
CHOICE Mode	A1,A2,A3,	FDD
	<u>A4,A5,A6,</u>	
	<u>A7, A8</u>	
<u> </u>		Not Present
Downlink information common for all radio links	<u>A5, A6,</u> A7 A8	Not Present
Downlink information common for all radio links	A1.A2. A3	
- Downlink DPCH info common for all RL		
- Timing indicator		Maintain
<u>- CFN-targetSFN frame offset</u>		Not Present
- Downlink DPCH power control information		$\Omega$ (single)
- CHOICE mode		FDD
- Power offset Ppilot-DPDCH		
- DL rate matching restriction information		Not Present
<u>- Spreading factor</u>		Reference to TS34.108 clause 6.10 Parameter
- Fixed or Elevible Position		Set Reference to TS34 108 clause 6 10 Parameter
		Set
- TFCI existence		Reference to TS34.108 clause 6.10 Parameter
		Set
<u> </u>		Reference to IS34.108 clause 6.10 Parameter
- DPCH compressed mode info		Not Present
- TX Diversity mode		None
- SSDT information		Not Present
Default DPCH Offset Value		Not Present
Downlink information common for all radio links	<u>A4</u>	
- Timing indicator		Maintain
- CFN-targetSFN frame offset		Not Present
- Downlink DPCH power control information		
<u> </u>		<u>0 (single)</u>
- CHOICE mode		FDD
- DL rate matching restriction information		v Not Present
- Spreading factor		Reference to TS34.108 clause 6.10 Parameter
		Set
- Fixed or Flexible Position		Reference to TS34.108 clause 6.10 Parameter
- TECL existence		Sel
		Set
- CHOICE SF		Reference to TS34.108 clause 6.10 Parameter
		Set
DPCH compressed mode info		Not Present
- IX Diversity mode		None

Information Element		Value/remark
<u>- SSDT information</u>		Not Present
<ul> <li>Default DPCH Offset Value</li> </ul>		Arbitrary set to value 0306688 by step of 512
Downlink information for each radio link list	<u>A1,A2,A3</u>	
-Downlink information for each radio link		
- Choice mode		FDD
- Primary CPICH info		
- Primary scrambling code		Ref. to the Default setting in TS34.108 clause
		6.1 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		
- Primary CPICH usage for channel estimation		Primary CPICH may be used
- DPCH frame offset		0 chips
- Secondary CPICH info		Not Present
- Secondary scrambling code		
- channelisation code		
- DL channelisation code		
- Secondary scrambling code		3
- Spreading factor		Reference to TS34.108 clause 6.10 Parameter
		Set
- Code number		
- Scrambling code change		× No change
- TPC combination index		
- SSDT Cell Identity		⊻ Not Present
- Closed loop timing adjustment mode		Not Present
- SCCPCH information for FACH		Not Present
Downlink information for each radio link list	Δ1	Norriesent
-Downlink information for each radio link	<u>^-</u>	
Choice mode		EDD
Primary CPICH info		
Primary corombling code		Pof. to the Default catting in TS24 108 clause
		<u>Ref. to the Default Setting in 1554.106 clause</u> 6.1 (EDD)
		Not Present
PDSCH with SHO DCH III0		Not Present
		INOL FIESEIIL
Drimory CDICH upogo for observal actimation		Drimony CDICH may be used
		Set to volue : Default DDCH Offeet Volue med
Conservation (CDICUL) in fa		<u>36400</u> Not Drespert
- Secondary CPICH INIO		<u>Not Present</u>
- Secondary scrampling code		
<u> </u>		
- <u>DL channelisation code</u>		
- Secondary scrambling code		3
- Spreading factor		Reference to TS34.108 clause 6.10 Parameter
		Set
<u> </u>		
<ul> <li>Scrambling code change</li> </ul>		No change
<u>- TPC combination index</u>		<u>0</u>
<u>- SSDT Cell Identity</u>		Not Present
<ul> <li>Closed loop timing adjustment mode</li> </ul>		Not Present
<u>- SCCPCH information for FACH</u>		Not Present
- Downlink information for each radio link	<u>A5, A7, A8</u>	
- Choice mode		FDD
- Primary CPICH info		
- Primary scrambling code		Ref. to the Default setting in TS34.108 clause
		6.1 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RL		Not present
- SCCPCH information for FACH		Not Present
- Downlink information for each radio link	A6	Not Present

Condition	Explanation
<u>A1</u>	This IE need for "Non speech in CS"
<u>A2</u>	This IE need for "Speech in CS"
<u>A3</u>	This IE need for "Packet to CELL_DCH from CELL_DCH in PS"
<u>A4</u>	This IE need for "Packet to CELL_DCH from CELL_FACH in PS"
<u>A5</u>	This IE need for "Packet to CELL_FACH from CELL_DCH in PS"
<u>A6</u>	This IE need for "Packet to CELL_FACH from CELL_FACH in PS"
<u>A7</u>	This IE need for "Non speech to CELL FACH from CELL DCH in CS"
<u>A8</u>	This IE need for "Speech to CELL_FACH from CELL_DCH in CS"

## Contents of RADIO BEARER RELEASE COMPLETE message: AM

Message Type	
RRC transaction identifier	Checked to see the value is identical to the same IE in the downlink RADIO BEARER RELEASE message
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent.
- Message authentication code	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.
Uplink integrity protection activation info CHOICE mode	Not checked. FDD
COUNT-C activation time	The UE shall include this IE if the following two conditions are fulfilled: (a) The RADIO BEARER RELEASE message did not contain the IE "Ciphering activation time for DPCH" and (b) The RADIO BEARER RELEASE message established the first RB(s) mapped to RLC-TM for a CN domain or released the last RB(s) mapped to RLC-TM for a CN domain. The presence of this IE depends on the following 2 factors: (a) There exists RB(s) mapped to RLC-TM and (b) UE is transiting to CELL_DCH state after the RB release procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	If ciphering is not activated in RADIO BEARER RELEASE message, this IE must be absent. Else, SS checks this IE for the presence of activation times of all ciphered uplink RLC-UM and RLC-AM RBs.
Uplink counter synchronisation info	Not checked

### Contents of RADIO BEARER RELEASE FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identitifer	Checked to see if it is set to identical value of the same IE
	in the downlink RADIO BEARER RELEASE message.
Integrity check info	The presence if this IE is dependent on IXIT statements in
	TS 34.123-2. if integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Checked to see if it meets test requirement
Radio bearers for which reconfiguration would have	Not checked
succeeded	

## Contents of RRC CONNECTION REQUEST message: TM

	Information Element	Value/remark
	Message Type	
	Initial UE identity	
	- CHOICE UE id type	
	- TMSI and LAI IMSI (GSM-MAP)	Set to the UE's IMSI (GSM-MAP) or TMSI and LAI.
Č.	Establishment cause	To be checked against requirement if specified
	Protocol error indicator	FALSE
	Measured results on RACH	To be checked against requirement if specified Not
		checked

## Contents of RRC CONNECTION REJECT message: UM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Initial UE identity	Select the same type as in the IE "Initial UE Identity" in
	RRC CONNECTION REQUEST" message.
Rejection cause	<u>Unspecified</u>
<u>Wait Time</u>	<u>0</u>
Redirection info	Not Present

## Contents of RRC CONNECTION RELEASE message: UM

Information Element	Value/remark
Message Type	
U-RNTI - SRNC identity - S-RNTI	This IE is set to the following value when the message is transmitted on the CCCH. When transmitted on DCCH, this is absent. 0000 0000 0001B 0000 0000 0000 0000 000
RRC transaction identifier	Arbitrarily selects an integer between 0 and 30
Integrity check info	<ul> <li>The presence of this IE depends on 2 factors:</li> <li>(a) IXIT statements in TS 34.123-2: If integrity protection is indicated to be active, this IE is present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs are omitted.</li> <li>(b) This IE is present when this message is transmitted on downlink DCCH. Else, this IE and the sub-IEs are omitted.</li> </ul>
- Message authentication code	SS calculates the value of MAC-I for this message and writes to this IE.
<ul> <li>RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
N308	2 (for CELL_DCH state). Not Present (for UE in other connected mode states).
Release cause	Normal event
Rplmn information	Not Present

# Contents of RRC CONNECTION RELEASE COMPLETE message: AM or UM

Information Element	Semantics description
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the value of the same IE transmitted in the downlink RRC
	CONNECTION RELEASE message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
- Message authentication code	Checked to see if it's identical to the value of XMAC-I
	calculated by the SS
- RRC Message sequence number	Checked to see if it is present. This number is used by
	the SS to compute the XMAC-I
Error indication	Not checked

# Contents of RRC CONNECTION SETUP message: UM (Transition to CELL\_DCH)

[	Information Element	Value/remark
Ì	Message Type	
	Initial UE identity	Select the same identity as in the IE "Initial UE Identity" in
		received RRC CONNECTION REQUEST" message
	RRC transaction identifier	Arbitrarily selects an integer between 0 and 30
	Activation time	Not Present(Now)
	New U-RNTI	
	- SRNC identity	0000 0000 0001B
	- S-RNTI	0000 0000 0000 0000 0001B
	New C-RNTI	Not present0000 0000 0000 0001B
	RRC State Indicator	CELL_DCH
	UTRAN DRX cycle length coefficient	9
	Capability update requirement	Not Present
	<ul> <li>UE radio access FDD capability update</li> </ul>	TRUE
	requirement	
	<ul> <li>UE radio access TDD capability update</li> </ul>	FALSE
	requirement	
	<ul> <li>System specific capability update requirement list</li> </ul>	<u>Gsm</u>
	Signalling RB information to setup	(UM DCCH for RRC)
	- RB identity	Not present <sup>1</sup>
	- CHOICE RLC info type	
	- RLC into	
	- CHOICE Uplink RLC mode	UM RLC
	- Transmission RLC discard	Not Present
		Himer pased no explicit
	Hitter discard	
	- CHOICE DOWNINK RLC mode	
	- RD Mapping Mil	2 PPMuxOntiona
	PLC logical channel manping indicator	2 Not Procent
	- Number of RLC logical channels	1
	- Unlink transport channel type	Г
	- III. Transport channel identity	5
	- Logical channel identity	1
	- CHOICE RI C size list	Configured
	- MAC logical channel priority	1
	- Downlink RLC logical channel info	
	- Number of RLC logical channels	1
	- Downlink transport channel type	DCH
	- DL DCH Transport channel identity	10
	- DL DSCH Transport channel identity	Not Present
	- Logical channel identity	1
	- RLC logical channel mapping indicator	Not Present
	- Number of RLC logical channels	1
	<ul> <li>Uplink transport channel type</li> </ul>	RACH
	- UL Transport channel identity	Not Present
	- Logical channel identity	1
	- CHOICE RLC size list	Explicit List
	- RLC size index	According to 1S34.108 clause 6.10.2.4.1.3 (standalone
		13.6 Kbps signalling radio bearer) Reference to TS34.108
		clause 6 Parameter Set
	- IVIAL logical channel priority	2
	- DOWNINK KLU IOGICAL CHANNEL INTO	1
	- NUMBER OF REC LOGICAL CHANNELS	
	- Downlink transport channel type	Not Present
	- DL DOTT Hansport channel identity	Not Present
	- Logical channel identity	1
	Signalling RB information to setup	(AM DCCH for RRC)
	- RB identity	Not Present2
	- CHOICE RLC info type	
	- RLC info	
	- CHOICE Uplink RLC mode	AM RLC
	- Transmission RLC discard	-
	- SDU discard mode	No discard Max DAT retransmissions
	- MAX_DAT	4 <u>15</u>

	Information Element	Value/remark
1	- Timer MRW	100
		4
	- Transmission window size	<u>12</u> 8
	- Timer_RST	500
	- Max_RST	4
	- Polling info	
	- Imer_poll_prohibit	200
i I	- limer_poll	200
I		Not present
	- Full_SDU	
	- Last retransmission PDU poll	TRUE
1	- Poll Windows	99
	- Timer poll periodic	Not Present
•	- CHOICE Downlink RLC mode	AM RLC
	- In-sequence delivery	TRUE
	<ul> <li>Receiving window size</li> </ul>	<u>12</u> 8
	- Downlink RLC status info	
1	- Timer_status_prohibit	200
I	- Timer_EPC Missing DDL indicator	Not present <sup>200</sup>
1	- Missing PDU Indicator	IRUE Net Present
I	- RB manning info	NOT FIESEII
	- Information for each multiplexing option	2 RBMuxOptions
	- RLC logical channel mapping indicator	Not Present
	- Number of RLC logical channels	1
	- Uplink transport channel type	DCH
	<ul> <li>UL Transport channel identity</li> </ul>	5
	<ul> <li>Logical channel identity</li> </ul>	2
	- CHOICE RLC size list	Configure
	- MAC logical channel priority	2
	- Downlink RLC logical channel into	1
	- Number of REC logical channels	
	- DL DCH Transport channel identity	10
	- DL DSCH Transport channel identity	Not Present
	- Logical channel identity	2
	- RLC logical channel mapping indicator	Not Present
	<ul> <li>Number of RLC logical channels</li> </ul>	1
	<ul> <li>Uplink transport channel type</li> </ul>	RACH
	- UL Transport channel identity	Not Present
	- Logical channel identity	2 Explicit List
I.		Explicit List According to TS24 109 clause 6 10 2 4 1 2 (standalone
		13.6 kbps signalling radio bearer)
		clause 6 Parameter Set
1	- MAC logical channel priority	3
	- Downlink RLC logical channel info	
	<ul> <li>Number of RLC logical channels</li> </ul>	1
	<ul> <li>Downlink transport channel type</li> </ul>	FACH
	- DL DCH Transport channel identity	Not Present
	- DL DSCH Transport channel identity	Not Present
	- Logical channel identity	$\angle$
1	- RB identity	Not Present3
I	- CHOICE RLC info type	
	- RLC info	
	- CHOICE Uplink RLC mode	AM RLC
	- Transmission RLC discard	
	- SDU discard mode	No discard Max DAT retransmissions
	- MAX_DAT	4 <u>15</u>
		400
	- WaxWKW	128
1	- Timer RST	500
	- Max RST	4
	- Polling info	

	Information Element	Value/remark
	- Timer poll prohibit	200
	- Timer poll	200
1	- Poll PDU	Not present
	- Poll SDU	1
	- Last transmission PDU poll	TRUE
	- Last retransmission PDU poll	TRUE
	- Poll_Window <del>s</del>	99
	- Timer_poll_periodic	Not Present
	- CHOICE Downlink RLC mode	AM RLC
	- In-sequence delivery	TRUE
	<ul> <li>Receiving window size</li> </ul>	<u>12</u> 8
	- Downlink RLC status info	
	- Timer_status_prohibit	200
Ļ	- Timer_EPC	Not present 200
1	- Missing PDU indicator	IRUE
1	- Timer_STATUS_periodic	Not Present
	- RB mapping into	
	- Information for each multiplexing option	2 RBMuxOptions
	- RLC logical channel mapping indicator	
	- Hulliber of NEC logical channels	
	- III Transport channel identity	5
	- Logical channel identity	3
	- CHOICE RLC size list	Configured
	- MAC logical channel priority	3
	- Downlink RLC logical channel info	
	- Number of RLC logical channels	1
	<ul> <li>Downlink transport channel type</li> </ul>	DCH
	<ul> <li>DL DCH Transport channel identity</li> </ul>	10
	<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
	<ul> <li>Logical channel identity</li> </ul>	3
	- RLC logical channel mapping indicator	Not Present
	- Number of RLC logical channels	1
	- Uplink transport channel type	RACH
	- UL Transport channel identity	Not Present
		3 Explicit List
1	- UNUCE RLU SIZE IISI PL C size index	Explicit List According to TS24.108 clause 6.10.2.4.1.2 (standalone
	- NEC Size index	13.6 kbps signalling radio bearer)Peference to TS34 108
		clause 6 Parameter Set
1	- MAC logical channel priority	4
	- Downlink RI C logical channel info	
	- Number of RLC logical channels	1
	- Downlink transport channel type	FACH
	- DL DCH Transport channel identity	Not Present
	- DL DSCH Transport channel identity	Not Present
	<ul> <li>Logical channel identity</li> </ul>	3
	Signalling RB information to setup	(AM DCCH for NAS_DT Low priority)
l	- RB identity	Not present4
	- CHOICE RLC info type	
	- RLC info	
	- CHOICE UPIINK RLC mode	
1	- Transmission RLC discard	No discord Max DAT retransmissions
		A15
	- Timer MRW	100
	- MaxMRW	4
	- Transmission window size	128
'	- Timer_RST	500
	- Max_RST	4
	- Polling info	
	- Timer_poll_prohibit	200
	- Timer_poll	200
	- Poll PDU	Not present
	- Poll_SDU	1
	- Last transmission PDU poll	IRUE
	<ul> <li>Last retransmission PDU poll</li> </ul>	IKUE

I

Information Element	Value/remark
- Poll_Window <del>s</del>	99
- Timer_poll_periodic	Not Present
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
<ul> <li>Receiving window size</li> </ul>	<u>12</u> 8
- Downlink RLC status info	
- Timer_status_prohibit	200
- Timer_EPC	Not Present <sup>200</sup>
- Missing PDU indicator	IRUE
- Timer_STATUS_periodic	Not Present
- RD Mapping Into	2 PPMuxOntions
- RLC logical channel manning indicator	2 NDMUXOPIIONS
- Number of RLC logical channels	1
- Uplink transport channel type	рсн
- UL Transport channel identity	5
- Logical channel identity	4
- CHOICE RLC size list	Configured
- MAC logical channel priority	4
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>	10
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
- Logical channel identity	4
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	
- Uplink transport channel type	RACH Nat Breesent
- OL Transport channel identity	
	4 Explicit List
- BLC size index	According to TS34 108 clause 6 10 2 4 1 3 (standalone
	13.6 kbps signalling radio bearer)
	clause 6 Parameter Set
- MAC logical channel priority	5
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
- Downlink transport channel type	FACH
<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	4
UL Transport channel information for all transport	
channels	
- PRACH IFCS	Not Present
- CHOICE Mode	FDD Nor Brogent
	Nor Fresent
- CHOICE TECI signalling	Normal
- TECL Field 1 information	Norma
- CHOICE TFCS representation	Addition
- TFCS complete reconfigure	
- CHOICE CTFC Size	2bit CTFC
- CTFC information	This IE is repeated for TFC numbers according to
	TS34.108 clause 6.10.2.4.1.3 (standalone 13.6 kbps
	signalling radio bearer)and reference to TS34.108 clause
0750	<del>6.10</del>
- CTFC	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	13.6 Kbps signalling radio bearer)Reference to TS34.108
Dowor offect information	Ciause 6.10 Parameter Set
- Power offset information	Computed Cain Factors/The last TEC is act to Computed
	Signalled Gain Factors)
- Gain factor Ro	11 (below 64 kbns)
	9 (higher than 64 kbps)
	(Not Present if the above is set to Computed Gain Factors)
- Gain factor ßd	
	(Not Present if the above is set to Computed Gain Factors)
•	· · · · · · · · · · · · · · · · · · ·
Information Element	Value/remark
--	--
	Value/lelliark
- CHOICE Mode	FDD Net Present
- Power onset Pp-m	Not Present
Added of Reconligured UL TICH information	PCU
- Oplink transport channel type	
- UL Transport channel identity	5
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	
- RLC size	According to 1S34.108 clause 6.10.2.4.1.3 (standalone
	<u>13.6 kbps signalling radio bearer</u> )Reference to clause 6.10
	Parameter Set
- Number of TBs and TTT lists	(This IE is repeated for TFT number)
- Transmission Time Interval	According to 1S34.108 clause 6.10.2.4.1.3 (standalone
	13.6 Kbps signalling radio bearer) Reference to 1 534.108
	Clause 5.10 Parameter Set
- Number of Transport blocks	According to 1S34.108 clause 6.10.2.4.1.3 (standalone
	13.6 Kbps signalling radio bearer) Reference to 1 \$34.108
	Clause 6.10 Parameter Set
- CHOICE Logical channel list	All
- Semi-static Transport Format information	
- Transmission time interval	According to 1S34.108 clause 6.10.2.4.1.3 (standalone
	<u>13.6 kbps signalling radio bearer)</u> Reference to clause 6.10
	Parameter Set
<ul> <li>Type of channel coding</li> </ul>	According to 1S34.108 clause 6.10.2.4.1.3 (standalone
	<u>13.6 kbps signalling radio bearer</u> )Reference to clause 6.10
	Parameter Set
- Coding Rate	According to 1S34.108 clause 6.10.2.4.1.3 (standalone
	<u>13.6 kbps signalling radio bearer</u> )Reference to clause 6.10
	Parameter Set
- Rate matching attribute	According to 1534.108 clause 6.10.2.4.1.3 (standalone
	T3.6 KDps signalling faulo bearer Kelerence to clause 6.10
- CRC size	According to TS34 108 clause 6 10 2 4 1 3 (standalone
- 61(6 3)26	13.6 kbps signalling radio bearer)Reference to clause 6.10
	Parameter Set
DL Transport channel information common for all	
transport channel	
- SCCPCH TECS	Not Present
- CHOICE mode	FDD
- CHOICE DL parameters	Same as III
Added or Reconfigured DL TrCH information	
- Downlink transport channel type	DCH
- DL Transport channel identity	10
- CHOICE DL parameters	Same as III
- Unlink transport channel type	DCH
- LIL TrCH Identity	5
- DCH quality target	
- BLER Quality value	-2.0-6-3
	Not Present
Frequency info	Not Present
	Reference to clause 5.1 Test frequencies
	Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	Not Present33dBm
Uplink DPCH info	
<ul> <li>Uplink DPCH power control info</li> </ul>	
- DPCCH power offset	-6dB
- PC Preamble	1 frame
- SRB delay	7 frames
- Power Control Algorithm	Algorithm1
- TPC step size	1dB
<ul> <li>Scrambling code type</li> </ul>	Long
<ul> <li>Scrambling code number</li> </ul>	0 (0 to 16777215)
- Number of DPDCH	Not Present(1)
- Spreading factor	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	13.6 kbps signalling radio bearer)Reference to TS34.108
	clause 6 10 Parameter Set

ĺ	Information Element	Value/remark
	- TFCI existence	According to TS34.108 clause 6.10.2.4.1.3 (standalone
		<u>13.6 kbps signalling radio bearer)Reference to TS34.108</u>
		clause 6.10 Parameter Set
	- Number of FBI bit	According to 1S34.108 clause 6.10.2.4.1.3 (standalone
		13.6 KDps signalling radio bearer) Kelerence to 1-534.108
	- Puncturing Limit	According to TS34 108 clause 6 10 2 4 1 3 (standalone
		13.6 kbps signalling radio bearer)
		clause 6.10 Parameter Set
·	Downlink information common for all radio links	
	<ul> <li>Downlink DPCH info common for all RL</li> </ul>	
i	- Timing Indication	Initialise
l	- CHN-targetSFN frame offset	
	- Downlink DPCH power control information	FDD
	- DPC mode	0 (single)
	- Power offset P Pilot-DPDCH	0
	<ul> <li>DL rate matching restriction information</li> </ul>	Not Present
	- Spreading factor	According to TS34.108 clause 6.10.2.4.1.3 (standalone
		13.6 kbps signalling radio bearer)Reference to TS34.108
	Fixed or Flovible Position	Ciause 6.10 Parameter Set
		13.6 kbps signalling radio bearer)
		clause 6.10 Parameter Set
	- TFCI existence	According to TS34.108 clause 6.10.2.4.1.3 (standalone
		<u>13.6 kbps signalling radio bearer)Reference to TS34.108</u>
		clause 6.10 Parameter Set
	- CHOICE SF	Specifies number of pilot bits. According to 1534.108
		bearer)Reference to TS34 108 clause 6 10 Parameter Set
I	- DPCH compressed mode info	Not Present
	- TX Diversity mode	None
ı	- SSDT information	Not Present
l	- Default DPCH Offset Value	Arbitrary set to value 0306688 by step of 5120
	- Downlink information for each radio links	
	- CHOICE mode	FDD
	- Primary CPICH info	
	- Primary scrambling code	Reference to clause 6.1 "Default settings (FDD)"
	- PDSCH with SHO DCH info	Not Present
	- PDSCH code mapping	Not Present
	- DOWNIINK DPCH INTO TOP EACH KL	Primary CPICH may be used
	- DPCH frame offset	Set to value : Default DPCH Offset Value mod 384000
		chips
•	- Secondary CPICH info	Not Present
	- DL channelisation code	
1	- Secondary scrambling code	
	- Spreading factor	According to 1534.108 clause 6.10.2.4.1.3 (standalone
		Parameter Set
I	- Code number	0
	- Scrambling code change	Not presentNo change
	- TPC combination index	0
	- SSDT Cell Identity	Not Present
	- Closed loop timing adjustment mode	Not Present
	- SULPUH INformation for FAUH	NOT PIESENT

## Contents of RRC CONNECTION SETUP message: UM (Transition to CELL FACH)

Information Element	Value/remark
Message Type	
Initial UE identity	Select the same identity as in the IE "Initial UE Identity" in
	received RRC CONNECTION REQUEST" message
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Activation time	Not Present (Now)

Information Element	Value/remark
New U-RNTI	
- SRNC identity	0000 0000 0001B
- S-RNTI	0000 0000 0000 0000 0001B
New C-RNTI	0000 0000 0000 0001B
RRC state indicator	CELL_FACH
UTRAN DRX cycle length coefficient	9
Capability update requirement	Not Present
Signalling RB information to setup	(UM DCCH for RRC)
<u>- RB identity</u>	Not present
- CHOICE RLC info type	<u>RLC info</u>
- CHOICE Uplink RLC mode	UM RLC
- Transmission RLC discard	Not present
- SDU discard mode	Not present
- CHOICE Downlink RI C mode	
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RI C logical channel mapping indicator	Not Present
- Number of uplink RI C logical channels	1
- Uplink transport channel type	рсн
- UL Transport channel identity	5
- Logical channel identity	1
- CHOICE RLC size list	Configured
- MAC logical channel priority	1
<ul> <li>Downlink RLC logical channel info</li> </ul>	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	1
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>	<u>10</u>
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	
<ul> <li><u>- RLC logical channel mapping indicator</u></li> </ul>	Not Present
- Number of uplink RLC logical channels	$\left \frac{1}{2}\right $
- Uplink transport channel type	RACH Not Dresent
- UL Transport channel identity	Not Present
	L Evolicit list
	Explicit list According to TS24 108 clause 6 10 2 4 1 2 (standalone
	13.6 kbps signalling radio bearer)
- MAC logical channel priority	2
- Downlink RLC logical channel info	=
- Number of downlink RLC logical channels	1
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
<ul> <li>Logical channel identity</li> </ul>	1
Signalling RB information to setup	(AM DCCH for RRC)
- RB identity	Not Present
- CHOICE RLC info type	<u>RLC info</u>
- CHOICE Uplink RLC mode	AM RLC
- Transmission RLC discard	
- SDU discard mode	No Discard
	<u>10</u>
- Transmission window size	128
- Timer_RST	500
- Max_RST	4
- Polling info	
- Timer poll prohibit	<u>200</u>
- Timer poll	<u>200</u>
- Poll_PDU	Not Present
- Poll_SDU	1
<ul> <li>Last transmission PDU poll</li> </ul>	TRUE
<ul> <li>Last retransmission PDU poll</li> </ul>	TRUE
- Poll Windows	99
- Timer_poll_periodic	Not Present
- CHOICE Downlink RLC mode	AM RLC

Information Element	Value/remark
- In-sequence delivery	TRUE
- Receiving window size	128
- Downlink RLC status info	
- Timer status prohibit	200
- Timer_EPC	Not Present
- Missing PDU indicator	TRUE
- Timer_STATUS_periodic	Not Present
- RB mapping info	
<ul> <li>Information for each multiplexing option</li> </ul>	2 RBMuxOptions
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
<ul> <li>Uplink transport channel type</li> </ul>	<u>DCH</u>
<ul> <li>UL Transport channel identity</li> </ul>	<u>5</u>
<ul> <li>Logical channel identity</li> </ul>	$\frac{2}{2}$
- CHOICE RLC size list	Configured
- MAC logical channel priority	2
- Downlink RLC logical channel info	
- Number of downlink RLC logical channels	
- Downlink transport channel type	
DL DCH Transport channel identity	<u>IU</u> Net Present
	2
- Euglical channel manning indicator	∠ Not Present
- REC logical channel mapping indicator	
- Unlink transport channel type	
- III. Transport channel identity	Not Present
- Logical channel identity	2
- CHOICE RI C size list	Explicit list
- RLC size index	According to TS34,108 clause 6,10,2,4,1,3 (standalone
	13.6 kbps signalling radio bearer)
- MAC logical channel priority	3
- Downlink RLC logical channel info	-
- Number of downlink RLC logical channels	1
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	2
Signalling RB information to setup	(AM DCCH for NAS_DT High priority)
- RB identity	Not present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	<u>AM RLC</u>
- Transmission RLC discard	
<u>- SDU discard mode</u>	No Discard
<u>- MAX_DAT</u>	<u>15</u>
	100
- Hansmission Window size	500
	<u>300</u> 4
Polling info	4
- Timer poll prohibit	200
- Timer_poll_profibit	200
	Not Present
- Poll SDU	1
- Last transmission PDU poll	TRUF
- Last retransmission PDU poll	TRUE
- Poll Windows	99
- Timer poll periodic	Not Present
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	128
- Downlink RLC status info	
- Timer_status_prohibit	<u>200</u>
- Timer_EPC	Not Present
- Missing PDU indicator	TRUE
- Timer_STATUS_periodic	Not Present
- RB mapping info	

Information Element	Value/remark
- Information for each multiplexing option	2 RBMuxOptions
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of uplink RLC logical channels	1
<ul> <li>Uplink transport channel type</li> </ul>	<u>DCH</u>
<ul> <li>UL Transport channel identity</li> </ul>	<u>5</u>
<ul> <li>Logical channel identity</li> </ul>	<u>3</u>
- CHOICE RLC size list	Configured
<ul> <li>MAC logical channel priority</li> </ul>	<u>3</u>
- Downlink RLC logical channel info	
- Number of downlink RLC logical channels	
- Downlink transport channel type	
<u>- DL DCH Transport channel identity</u>	<u>10</u> Net Present
- Logical channel identity	
- BLC logical channel mapping indicator	S Not Present
- Number of uplink RI C logical channels	1
- Uplink transport channel type	RACH
- UL DCH Transport channel identity	Not Present
- Logical channel identity	3
- CHOICE RLC size list	Explicit list
- RLC size index	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	13.6 kbps signalling radio bearer)
<ul> <li>MAC logical channel priority</li> </ul>	4
<ul> <li>Downlink RLC logical channel info</li> </ul>	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	1
<ul> <li>Downlink transport channel type</li> </ul>	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
<u>- Logical channel identity</u>	$\frac{3}{1000}$
- RB identity	Not Present
- CHOICE RI C info type	RLC info
- CHOICE Uplink RLC mode	AMRIC
- Transmission RLC discard	
- SDU discard mode	No Discard
- MAX_DAT	<u>15</u>
- Transmission window size	128
- IImer_RST	500
	4
<u> </u>	200
- Timer_poll_prombit	200
	Not Present
- Poll SDU	1
- Last transmission PDU poll	TRUE
- Last retransmission PDU poll	TRUE
- Poll_Windows	<u>99</u>
- Timer poll periodic	Not Present
- CHOICE Downlink RLC mode	AMRLC
- In-sequence delivery	IRUE
- Receiving window size	128
<u> </u>	200
- Timer EPC	Not Present
- Missing PDU indicator	TRUE
- Timer STATUS periodic	Not Present
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
<ul> <li>Uplink transport channel type</li> </ul>	DCH
- UL Transport channel identity	5
- Logical channel identity	$\frac{4}{2}$
- CHOICE RLC size list	Configured
- MAC logical channel priority	<u>4</u>

Information Element	Value/remark
Deumlink DLQ legisel channel infe	Value/Ternark
- Downlink RLC logical channel into	
- Number of downlink RLC logical channels	
<u>- Downlink transport channel type</u>	
<u>- DL DCH Transport channel identity</u>	
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	$\frac{4}{1}$
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	$\left \frac{1}{2}\right $
<u>Uplink transport channel type</u>	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	4
<u>- CHOICE RLC size list</u>	Explicit list
- RLC size index	According to TS34.108 clause 6.10.2.4.1.3 (standalone
	<u>13.6 kbps signalling radio bearer)</u>
- MAC logical channel priority	<u>5</u>
<ul> <li>Downlink RLC logical channel info</li> </ul>	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	1
<ul> <li>Downlink transport channel type</li> </ul>	FACH
<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	<u>4</u>
UL Transport channel information for all transport	Not Present
channels	
Added or Reconfigured TrCH information list	TS 25.331 specifies that "Although this IE is not required
	when the IE "RRC state indicator" is set to
	"CELL_FACH", need is MP to align with ASN.1"
- Added or Reconfigured UL TrCH information	
- Uplink transport channel type	DCH
- UL Transport channel identity	5
- TFS	-
- CHOICE Transport channel type	Delicated transport channels
- Dynamic Transport format information	
- RIC Size	Value 16 results in an RLC size of 144 bits:
	$\frac{1}{10000000000000000000000000000000000$
- Number of TBs and TTLList	List with single entry
- Transmission Time Interval	Not Present
- Number of Transport blocks	
- CHOICE Logical Channel List	
- Semi-static Transport Format information	
- Transmission time interval	40 ms
- Type of channel coding	Convolutional
- Coding Pate	
- Rate matching attribute	160
	16
DL Transport channel information common for all	Not Present/Pefer to SIB type 5)
	Not Present(Relet to SID type 5)
Added or Poconfigured TrCH information list	TS 25 221 specifies that "Although this IF is not required
Added of Reconfigured TICH information list	<u>TS 25.551 specifies that "Although this te is not required</u>
	"CELL EACH" peed in MD to align with ASN 4"
Added or Reconfigured DL TrCH information	
- Added of Reconfigured DL TICH Information	
- Downlink transport channel type	
- CHOICE DL parameters	Same as UL
- Uplink Transport channel type	
- OL TICH Identity	
	Not Present
Fraguency info	Not precent
<u>Frequency mio</u>	<u>not present</u>
Maximum allowed UL TX power	Not present
CHOICE channel requirement	Not Present
Downlink information common for all radio links	Not Present
Downlink information for each radio link list	Not present

Value/remark

## Contents of RRC CONNECTION SETUP COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the value of the same IE transmitted in the downlink RRC CONNECTION SETUP message.
START list	Not checked
UE radio access capability	Not checked
UE radio access capability extension	Not checked
UE system specific capability	Not checked

# Contents of RRC STATUS message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall
	be absent.
- Message authentication code	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Identification of received message	Not Checked
Protocol error information	
- Protocol error cause	Refer to test requirement.

Contents of SECURITY MODE COMMAND message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	
<ul> <li>Message authentication code</li> </ul>	Set to an arbitrarily selected 32-bits integer
<ul> <li>RRC Message Sequence Number</li> </ul>	Set to an arbitrarily selected integer between 0 and 15
Security capability	
- Ciphering algorithm capability	
- UEA0	If the UE has indicated support for ciphering algorithm
	<u>UEAU In the IE "security capability" in the RRC</u>
	CONNECTION SETUP COMPLETE message, misters
	<u>Set to TRUE.</u> If ciphening is not indicated to be active on
	If the UE has indicated support for ciphering algorithm
- OEAT	LIEA1 in the IE "security capability" in the RRC
	CONNECTION SETUP COMPLETE message this IE is
	set to TRUE If ciphering is indicated to be active on IXIT
	statements in TS 34.123-2, set this IE to TRUE.
- Spare	Spare 2-15 = FALSE
- Integrity protection algorithm capability	00000000000000010B (UIA1)
- UIA1	TRUE
- Spare	Spare 0 and Spare 2-15 = FALSE
Ciphering mode info	This presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
- Ciphering mode command	Start/restart
- Ciphering algorithm	UEAU or UEA1. The indicated algorithm must be one of
	the algorithms supported by the UE as indicated in the IE
	<u>Security capability in the RRC CONNECTION SETUP</u>
	specified in "ciphering algorithm capability" IE in this
- Ciphering activation time for DPCH	Not Present
- Radio bearer downlink ciphering activation time	
info	
- Radio bearer activation time	
- RB identity	1
- RLC sequence number	Current RLC SN+2
- RB identity	2
- RLC sequence number	Current RLC SN+2
- RB identity	3
- RLC sequence number	Current RLC SN + 2
- KB Identity	4 Current DLC SN + 2
- RLC sequence number	Current RLC SN + 2 The presence of this IE is dependent on IVIT statements
megniy protection mode into	in TS 34 123-32. If integrity protection is indicated to be
	active this IF is present with the values of the sub IFs as
	stated below. Else, this IF and the sub-IFs are omitted
- Integrity protection mode command	Start
- Downlink integrity protection activation info	Not Present
- Integrity protection algorithm	UIA1
- Integrity protection initialisation number	SS selects an arbitrary 32 bits number for FRESH
CN domain identity	CS or PSSupported domain
UE system specific security capability	Not Checked

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## Contents of SECURITY MODE COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the
	value of the same IE transmitted in the downlink
	SECURITY MODE COMMAND message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
- Message authentication code	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
- RRC Message sequence number	I his IE is checked to see if it is present. The value is used
I half a lot a material successful and the state of the	by SS to compute the XMAC-I value.
Uplink integrity protection activation into	Not checked.
Radio bearer uplink cipnering activation time into	If ciphering is not activated in SECURITY MODE
	COMMIAND message, this IE must be absent. Else, SS
	checks this IE for the presence of activation times for all
	ciphered uplink RLC-UM and RLC-AM RBs.

# Contents of SECURITY MODE FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if the value is the identical to the same IE in the downlink SECURITY MODE COMMAND message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is
- · ·	used by SS to compute the XMAC-I value.
Failure cause	Refer to test requirement.

### Contents of TRANSPORT CHANNEL RECONFIGURATION message: AM or UM

Information Element	<b>Condition</b>	Value/remark
Message Type	<u>A1, A2, A3,</u>	
	<u>A4, A5, A6</u>	
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3
Integrity check info		The presence of this IE is dependent on IXIT
		statements in TS 34.123-2. If integrity
		protection is indicated to be active, this IE is
		present with the values of the sub IEs as
		stated below. Else, this IE and the sub-IEs are
		omitted.
<ul> <li>message authentication code</li> </ul>		SS calculates the value of MAC-I for this
		message and writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>		SS provides the value of this IE, from its
		internal counter.
Integrity protection mode info		Not Present
Ciphering mode info		Not Present
Activation time	<u>A1, A2, A3,</u>	(256+CFN-(CFN MOD 8 + 8))MOD 256
	<u>A4,</u>	
Activation time	<u>A5, A6</u>	Not Present
New U-RNTI		Not Present
New C-RNTI	<u>A1, A2, A3,</u>	Not Present
	A4	

New C-RNTIA5. A6'1010 1010 1010 1010'New DSCH-RNTIA1. A2, A3. A4, A5. A6Not PresentRRC State indicatorA1. A2, A3. A4CELL_DCHRRC State indicatorA5. A6CELL_FACHUTRAN DRX cycle length coefficientA1. A2, A3. A4.A5.A6Not PresentUTRAN DRX cycle length coefficientA1. A2, A3. A4.A5.A6Not PresentURA identityA1. A2, A5. A4.A5.A6Not PresentDownlink counter synchronisation infoA1. A2, A5. A6Not PresentUL Transport channel information for all transport channelsA1. A2, A5. A6Not Present- PRACH TFCSA6Not Present- CHOICE mode- TFC subsetNot Present- UL DCH TFCS- CHOICE TFCI signallingNormal- TFC Subset- TFC SubsetNormal- CHOICE TFCS complete reconfigure informationComplete reconfiguration- TFCS complete reconfigure information- CHOICE TFCS size	Information Element	<b>Condition</b>	Value/remark
New DSCH-RNTI       A1, A2, A3, A4, A5, A6       Not Present         RRC State indicator       A1, A2, A3, A4, A5, A6       CELL_DCH         RRC State indicator       A5, A6       CELL_FACH         UTRAN DRX cycle length coefficient       A1, A2, A3, A4, A5, A6       Not Present         UTRAN DRX cycle length coefficient       A1, A2, A3, A4, A5, A6       Not Present         UTRAN DRX cycle length coefficient       A1, A2, A3, A4, A5, A6       Not Present         UL ransport channel information for channels       A1, A2, A5, A6       Not Present         UL Transport channel information for all transport channels       A1, A2, A5, A6       Not Present         - PRACH TFCS       A3, A4       Not Present         - CHOICE mode       A3, A4       Not Present         - TFC subset       Not Present       Not Present         - UL DCH TFCS       Not Present       Not Present         - CHOICE TFCS signalling       Normal       Complete reconfiguration         - TFC subset       Normal       Complete reconfiguration         - TFCS complete reconfigure information       Complete reconfiguration       Normal         - CHOICE TFCS Size       Normal       Complete reconfiguration       Normal	New C-RNTI	<u>A5, A6</u>	<u>'1010 1010 1010 1010'</u>
A4, A5, A6RRC State indicatorA1, A2, A3, A4CELL_DCHRRC State indicatorA5, A6CELL_FACHUTRAN DRX cycle length coefficientA1, A2, A3, A4, A5, A6Not PresentCN information info URA identityA4, A5, A6Not PresentDownlink counter synchronisation infoNot PresentUL Transport channel information for all transport channelsA1, A2, A5, A6Not PresentUL Transport channel information for all transport channelsA1, A2, A5, A6Not PresentUL Transport channel information for all transport channelsA3, A4Not Present- PRACH TFCS - CHOICE TFCS subsetNot Present FDD Not PresentNot Present FDD Not Present- CHOICE TFCS representation - TFC subsetNormal Complete reconfigure informationComplete reconfiguration- TFCS complete reconfigure information - TFCS complete reconfigure information - CHOICE TFC SizeNormal Complete reconfigure information	New DSCH-RNTI	<u>A1, A2, A3,</u>	Not Present
RRC State indicator       A1, A2, A3, A4       CELL_DCH         RRC State indicator       A5, A6       CELL_FACH         UTRAN DRX cycle length coefficient       A1, A2, A3, A4, A5, A6       Not Present         UTRAN DRX cycle length coefficient       A1, A2, A3, A4, A5, A6       Not Present         URA identity       A4, A5, A6       Not Present         Downlink counter synchronisation info       Not Present       Not Present         UL Transport channel information for all transport channels       A1, A2, A5, A6       Not Present         UL Transport channel information for all transport channels       A1, A2, A5, A6       Not Present         - PRACH TFCS       A6       A3, A4       Not Present         - CHOICE mode       - TFC subset       Not Present       Not Present         - UL DCH TFCS       Not Present       Not Present       Not Present         - UL DCH TFCS       Not Present       Not Present       Not Present         - CHOICE TFCI signalling       Normal       Complete reconfiguration       Normal         - TFCS complete reconfigure information       Complete reconfiguration       Normal       Complete reconfiguration         - TFCS scopelete reconfigure information       - CHOICE TFC Size       Number of bits used must be enough to covertin the scopenender of the sed must be enough to covertin		<u>A4, A5, A6</u>	
A4RRC State indicatorA5, A6CELL FACHUTRAN DRX cycle length coefficientA1, A2, A3, A4,A5,A6Not PresentCN information info URA identity Downlink counter synchronisation infoA4,A5,A6Not PresentUL Transport channel information for all transport channelsA1, A2, A5, A6Not PresentUL Transport channel information for all transport channelsA1, A2, A5, A6Not PresentUL Transport channel information for all transport channelsA3, A4Not Present- PRACH TFCS - CHOICE modeNot PresentNot Present- TFC subset - UL DCH TFCSNot PresentNot Present- CHOICE TFCS representation - CHOICE TFCS representation - TFCC Scomplete reconfigure informationNormal- CHOICE TFCS sizeNumber of bits used must be enough to coverNumber of bits used must be enough to cover	RRC State indicator	<u>A1, A2, A3,</u>	<u>CELL_DCH</u>
RRC State indicator       A5, A6       CELL FACH         UTRAN DRX cycle length coefficient       A1, A2, A3, A4, A5, A6       Not Present         CN information info       A4,A5, A6       Not Present         URA identity       Not Present       Not Present         Downlink counter synchronisation info       Not Present       Not Present         UL Transport channel information for all transport channels       A1, A2, A5, A6       Not Present         UL Transport channel information for all transport channels       A6       Not Present         - PRACH TFCS       A6       Not Present         - CHOICE mode       FDD       Not Present         - TFC subset       Not Present       Not Present         - UL DCH TFCS       Not Present       Not Present         - CHOICE TFCS sepresentation       Normal       Complete reconfiguration         - TFC scomplete reconfigure information       Complete reconfiguration       Complete reconfiguration		<u>A4</u>	
UTRAN DRX cycle length coefficientA1, A2, A3, A4,A5,A6Not PresentCN information infoA4,A5,A6Not PresentURA identityNot PresentNot PresentDownlink counter synchronisation infoNot PresentUL Transport channel information for all transport channelsA1, A2, A5, A6Not PresentUL Transport channel information for all transport channelsA3, A4Not PresentUL Transport channel information for all transport channelsA3, A4Not Present- CHOICE mode - TFC subset - UL DCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - TFCS complete reconfigure information - TFCS complete reconfigure information - CHOICE CTFC SizeNot Present - Curber of bits used must be enough to cover - TFO for the present of the pre	RRC State indicator	<u>A5, A6</u>	<u>CELL_FACH</u>
A4,A5,A6Not PresentURA identityNot PresentDownlink counter synchronisation infoNot PresentUL Transport channel information for all transportA1, A2, A5,channelsA6UL Transport channel information for all transportA3, A4channels- PRACH TFCS- PRACH TFCS- CHOICE mode- TFC subsetNot Present- UL DCH TFCSNot Present- CHOICE TFCI signallingNormal- TFCI Field 1 informationComplete reconfiguration- TFCS complete reconfigure informationComplete reconfiguration- TFCS subsetNumber of bits used must be enough to cover- CHOICE CTFC SizeNumber of bits used must be enough to cover	UTRAN DRX cycle length coefficient	<u>A1, A2, A3,</u>	Not Present
CN information info       Not Present         URA identity       Not Present         Downlink counter synchronisation info       Not Present         UL Transport channel information for all transport       A1, A2, A5, A6         channels       A6         UL Transport channel information for all transport       A3, A4         channels       - PRACH TFCS         - PRACH TFCS       Not Present         - CHOICE mode       FDD         - TFC subset       Not Present         - UL DCH TFCS       Not Present         - CHOICE TFCI signalling       Normal         - TFCI Field 1 information       Complete reconfiguration         - TFCS complete reconfigure information       - TFCS used must be enough to cover         - CHOICE TFC Size       Number of bits used must be enough to cover		<u>A4,A5,A6</u>	
UKA identity       Not Present         Downlink counter synchronisation info       Not Present         UL Transport channel information for all transport       A1, A2, A5, A6         visual channels       A6         UL Transport channel information for all transport       A3, A4         Visual channels       A3, A4         - PRACH TFCS       Not Present         - CHOICE mode       Not Present         - TFC subset       Not Present         - UL DCH TFCS       Not Present         - CHOICE TFCI signalling       Normal         - TFCI Field 1 information       Complete reconfiguration         - TFCS complete reconfigure information       Complete reconfiguration         - CHOICE TFC Size       Number of bits used must be enough to cover	CN Information info		Not Present
Downlink counter synchronisation into       Not Present         UL Transport channel information for all transport channels       A1, A2, A5, A6       Not Present         UL Transport channel information for all transport channels       A3, A4       Not Present         - PRACH TFCS       - CHOICE mode       Not Present         - TFC subset       - OLD CH TFCS       Not Present         - CHOICE TFCI signalling       - TFCI Field 1 information       Normal         - TFCS complete reconfigure information       Complete reconfiguration       Complete reconfiguration         - CHOICE CTFC Size       Number of bits used must be enough to cover       Number of bits used must be enough to cover	URA Identity Downlink counter ownebranization info		Not Present
OL: Transport channels       A1, A2, A3, A6         UL Transport channel information for all transport       A6         UL Transport channel information for all transport       A3, A4         - PRACH TFCS       Not Present         - CHOICE mode       FDD         - TFC subset       Not Present         - UL DCH TFCS       Not Present         - CHOICE TFCI signalling       Normal         - TFCI Field 1 information       Complete reconfiguration         - CHOICE TFCS representation       Complete reconfiguration         - CHOICE CTFC Size       Number of bits used must be enough to cover	LIL Transport chapped information for all transport		Not Present
Image: Channels       Not         UL Transport channel information for all transport       A3, A4         channels       - PRACH TFCS         - CHOICE mode       - FDD         - TFC subset       Not Present         - UL DCH TFCS       Not Present         - CHOICE TFCI signalling       - TFCI Field 1 information         - TFCS complete reconfigure information       Complete reconfiguration         - CHOICE CTFC Size       Number of bits used must be enough to cover		<u>A1, A2, A3,</u>	Not Present
OL mansport channels     Not Present       - PRACH TFCS     - CHOICE mode       - TFC subset     - Not Present       - UL DCH TFCS     - CHOICE TFCI signalling       - TFCI Field 1 information     - CHOICE TFCS representation       - CHOICE TFCS complete reconfigure information     - Complete reconfiguration       - CHOICE CTFC Size     Number of bits used must be enough to cover	LIL Transport channel information for all transport	<u>A3</u> A4	
- PRACH TFCS       Not Present         - CHOICE mode       FDD         - TFC subset       Not Present         - UL DCH TFCS       Normal         - CHOICE TFCI signalling       Normal         - TFCI Field 1 information       Complete reconfiguration         - TFCS complete reconfigure information       Complete reconfiguration         - CHOICE CTFC Size       Number of bits used must be enough to cover	channels	<u>A0, A4</u>	
- CHOICE mode       FDD         - TFC subset       Not Present         - UL DCH TFCS       Normal         - CHOICE TFCI signalling       Normal         - TFCI Field 1 information       Complete reconfiguration         - CHOICE TFCS representation       Complete reconfiguration         - TFCS complete reconfigure information       Number of bits used must be enough to cover         - CHOICE CTFC Size       Number of bits used must be enough to cover	- PRACH TECS		Not Present
- TFC subset     Not Present       - UL DCH TFCS     - CHOICE TFCI signalling       - CHOICE TFCI signalling     Normal       - TFCI Field 1 information     Complete reconfiguration       - CHOICE TFCS representation     Complete reconfiguration       - TFCS complete reconfigure information     Number of bits used must be enough to cover       - CHOICE CTFC Size     Number of bits used must be enough to cover	- CHOICE mode		FDD
- UL DCH TFCS         - CHOICE TFCI signalling         - TFCI Field 1 information         - CHOICE TFCS representation         - TFCS complete reconfigure information         - CHOICE CTFC Size	- TFC subset		Not Present
- CHOICE TFCI signalling     Normal       - TFCI Field 1 information     Complete reconfiguration       - CHOICE TFCS representation     Complete reconfiguration       - TFCS complete reconfigure information     Number of bits used must be enough to cover       - CHOICE CTFC Size     Number of bits used must be enough to cover	- UL DCH TFCS		
- TFCI Field 1 information         - CHOICE TFCS representation         - TFCS complete reconfigure information         - CHOICE CTFC Size             Number of bits used must be enough to cover	- CHOICE TFCI signalling		Normal
- CHOICE TFCS representation       Complete reconfiguration         - TFCS complete reconfigure information       Number of bits used must be enough to cover         - CHOICE CTFC Size       Number of bits used must be enough to cover	- TFCI Field 1 information		
- TFCS complete reconfigure information     - CHOICE CTFC Size  Number of bits used must be enough to cover	- CHOICE TFCS representation		Complete reconfiguration
- CHOICE CIFC Size	- IFCS complete reconfigure information		
	- CHOICE CTEC Size		Number of bits used must be enough to cover
all complitations of CTFC from 1534.100			all complitations of CTFC from 1534.106
- CTEC information This IE is repeated for TEC numbers and	- CTEC information		This IE is repeated for TEC numbers and
reference to TS34 108 clause 6 10 2 4			reference to TS34 108 clause 6 10 2 4
Parameter Set			Parameter Set
- CTFC Reference to TS34.108 clause 6.10.2.4	- CTFC		Reference to TS34,108 clause 6,10,2,4
Parameter Set			Parameter Set
- Power offset information	- Power offset information		
- CHOICE Gain Factors Computed Gain Factors(The last TFC is set to	- CHOICE Gain Factors		Computed Gain Factors(The last TFC is set to
Signalled Gain Factors)			Signalled Gain Factors)
<u> </u>	Gain factor βc		<u>11 (below 64 kbps)</u>
<u>9 (higher than 64 kbps)</u>			9 (higher than 64 kbps)
(Not Present if the CHOICE Gain Factors is set			(Not Present if the CHOICE Gain Factors is set
Coin factor 84	Opin factor 0.1		to ComputedGain Factors)
- Gain factor pd 15	- Gain factor pa		15 (Not Present if the CHOICE Cain Easters is set
to Computed Gain Factors)			to ComputedGain Factors)
- Reference TEC ID	- Reference TEC ID		
- CHOICE mode	- CHOICE mode		≚ FDD
- Power offset P p-m Not Present	- Power offset P p-m		Not Present
Added or Reconfigured UL TrCH information A1, A2, A5, Not Present	Added or Reconfigured UL TrCH information	A1, A2, A5,	Not Present
<u>A6</u>		<u>A6</u>	

Information Element	Condition	Value/remark
Added or Reconfigured III TrCH information	Δ <i>4</i>	2 TrCHs(DCH for DCCH and DCH for DTCH)
- Unlink transport channel type	<u>//+</u>	DCH
- UL Transport channel identity		5
- TFS		<u> </u>
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		<u>.</u>
- RLC Size		Reference to TS34.108 clause 6.10 Parameter
		Set
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
- Transmission Time Interval		Not Present
<ul> <li>Number of Transport blocks</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>CHOICE Logical Channel list</li> </ul>		All
<ul> <li>Semi-static Transport Format information</li> </ul>		
<ul> <li>Transmission time interval</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
- Coding Rate		Reference to IS34.108 clause 6.10 Parameter
		Set
- Rate matching attribute		Reference to 1S34.108 clause 6.10 Parameter
		Set
<u> </u>		Reference to 1534.108 clause 6.10 Parameter
the Bala term and the second terms		Set
<u>- Uplink transport channel type</u>		DCH
		<u> </u>
<u>- IFO</u> CHOICE Transport shapped type		Dedicated transport abappala
<u>- CHOICE Transport format information</u>		Dedicated transport channels
		Poterance to TS24 108 clause 6 10 Parameter
- KLC SIZE		Set
- Number of TBs and TTLL ist		(This IE is repeated for TEL number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34 108 clause 6 10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<u> </u>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
Added or Reconfigured UL TrCH information	<u>A3</u>	(DCH for DTCH)
- Uplink transport channel type		DCH
<u>- UL Transport channel identity</u>		1
- IFS		
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		Deference to TS24.108 cloures 6.10 Decemeter
- RLC SIZE		Reference to 1534.106 clause 6.10 Parameter
- Number of TRs and TTL List		(This IF is repeated for TFL number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34 108 clause 6 10 Parameter
		Set
- CHOICE Logical Channel list		All
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34,108 clause 6.10 Parameter
		Set
- Type of channel coding		Reference to TS34.108 clause 6.10 Parameter
		Set
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		Set

Information Element	Condition	Value/remark
- Rate matching attribute		Reference to TS34.108 clause 6.10 Parameter
		Set
- CRC size		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
CHOICE mode	<u>A1,A2,A3,</u>	FDD
	<u>A4,A5,A6</u>	
<u>- CPCH set ID</u>		Not Present
<ul> <li>Added or Reconfigured TrCH</li> </ul>		Not Present
information for DRAC list		
DL Transport channel information common for all	<u>A1, A2,</u>	Not Present
transport channel	<u>A5,A6</u>	
DL Transport channel information common for all	<u>A3,A4</u>	
transport channel		
<u>- SCCPCH TFCS</u>		Not Present
- CHOICE mode		FDD
- CHOICE DL parameters		<u>Explicit</u>
<u> </u>		
- CHOICE TFCI Signalling		Normal
- TFCI Field 1 Information		
- CHOICE TFCS representation		Complete reconfiguration
- TFCS complete reconfigure		
- CHOICE CTFC Size		Number of bits used must be enough to cover
		all combinations of CTFC from clause
		TS34.108 clause 6.10.2.4 Parameter Set.
- CIFC information		This IE is repeated for TFC numbers and
		reterence to 1S34.108 clause 6.10.2.4
<u> </u>		Reference to 1S34.108 clause 6.10.2.4
		Parameter Set
- Power offset information		Not Present
Added or Reconfigured DL TrCH information	<u>A1, A2, A5,</u>	Not Present
	A6	

Information Element	Condition	Value/remark
Added or Reconfigured DL TrCH information	A4	2 TrCHs(DCH for DCCH and DCH for DTCH)
- Downlink transport channel type		DCH
- DL Transport channel identity		10
- CHOICE DL parameters		Same as UL
- Uplink transport channel type		DCH
- UL TrCH identity		<u>5</u>
<ul> <li>DCH quality target</li> </ul>		
- BLER Quality value		Not Present
<ul> <li>Transparent mode signalling info</li> </ul>		Not Present
<ul> <li>Downlink transport channel type</li> </ul>		DCH
<ul> <li>DL Transport channel identity</li> </ul>		<u>6</u>
- CHOICE DL parameters		Explicit
- IFS		De dise te data a su su strata a una d
- CHOICE Transport channel type		Dedicated transport channel
		Poteroneo to TS24 108 clauso 6 10 Parameter
		Sat
- Number of TBs and TTLList		(This IE is repeated for TEL number.)
- Dynamic transport format information		
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6.10 Parameter
		Set
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		Set
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<u>- CRC size</u>		Reference to TS34.108 clause 6.10 Parameter
DOLL suplify to most		Set
<u>– DCH quality target</u>		2.0
- DLER Quality value		<u>-2.0</u> Not Present
Added or Reconfigured DL TrCH information	٨3	
- Downlink transport channel type	<u>A0</u>	DCH
- DL Transport channel identity		
- CHOICE DL parameters		Explicit
- TFS		
- CHOICE Transport channel type		Dedicated transport channel
- Dynamic transport format information		
- RLC Size		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Number of TBs and TTI List		(This IE is repeated for TFI number.)
<ul> <li>Dynamic transport format information</li> </ul>		
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to 1534.108 clause 6.10 Parameter
- Semi-static Transport Format information		
- Semi-static Transport Format Information		Poteronas to TS24 108 alguns 6 10 Peremeter
		Sat
- Type of channel coding		Reference to TS34 108 clause 6 10 Parameter
		Set
- Coding Rate		Reference to TS34.108 clause 6.10 Parameter
		Set
- Rate matching attribute		Reference to TS34.108 clause 6.10 Parameter
		Set
- CRC size		Reference to TS34.108 clause 6.10 Parameter
		Set
<ul> <li>DCH quality target</li> </ul>		
- BLER Quality value		-2.0
<ul> <li>Transparent mode signalling info</li> </ul>		Not Present
Frequency info	<u>A1,A2,A3,</u>	
	<u>A4,A5,A6</u>	
- UARFCN uplink (Nu)		Reference to clause 5.1 Lest frequencies

Information Element	Condition	Value/remark
- UARFCN downlink (Nd)		Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	<u>A1,A2,A3,</u>	<u>33dBm</u>
	<u>A4,A5,A6</u>	
CHOICE channel requirement	<u>A5, A6</u>	Not Present
CHOICE channel requirement	<u>A1, A2, A3,</u>	Uplink DPCH info
	<u>A4</u>	
-Uplink DPCH power control info		
<u> </u>		
- SRB delay		7 frames
- Power Control Algorithm		Algorithm1
- TPC step size		1dB
- Scrambling code type		Long
- Scrambling code number		<u>0 (0 to 16777215)</u>
- Number of DPDCH		Not Present(1)
<ul> <li>spreading factor</li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- TFCI existence		Reference to TS34.108 clause 6.10 Parameter
Number of EDI bit		Set
		Reference to 1534.108 clause 6.10 Parameter
- Puncturing Limit		Sel Reference to TS34 108 clause 6 10 Parameter
		Set
CHOICE Mode	A1 A2 A3	FDD
	A4 A5 A6	
- Downlink PDSCH information	<u>/////////////////////////////////////</u>	Not Present
Downlink information common for all radio links	A5, A6	Not Present
Downlink information common for all radio links	A1, A2, A3	
- Downlink DPCH info common for all RL		
- Timing indicator		<u>Maintain</u>
<ul> <li>CFN-targetSFN frame offset</li> </ul>		Not Present
<ul> <li><u>Downlink DPCH power control information</u></li> </ul>		
<u> </u>		<u>0 (single)</u>
<u>- CHOICE mode</u>		FDD
- <u>POwer Offset Pilot-DPDCH</u>		<u>V</u> Not Present
- Spreading factor		Reference to TS34 108 clause 6 10 Parameter
		Set
- Fixed or Flexible Position		Reference to TS34.108 clause 6.10 Parameter
		Set
- TFCI existence		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- CHOICE SF		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
<u> </u>		Not Present
- TX Diversity mode		Not Procent
- Default DPCH Offset Value		Not Present
Downlink information common for all radio links	A4	
- Downlink DPCH info common for all RI	<u> </u>	
- Timing indicator		Initialise
- CFN-targetSFN frame offset		Not Present
- Downlink DPCH power control information		
- DPC mode		<u>0 (single)</u>
- CHOICE mode		FDD
- Power offset P <sub>Pilot-DPDCH</sub>		
- DL rate matching restriction information		Not Present
- Spreading ractor		Reference to 1534.108 clause 6.10 Parameter
- Fixed or Elevible Position		Beference to TS34 108 clause 6 10 Peremeter
		Set
- TECI existence		Reference to TS34 108 clause 6 10 Parameter
		Set
- CHOICE SF		Reference to TS34.108 clause 6.10 Parameter
		Set
- DPCH compressed mode info		Not Present
- TX Diversity mode		None

Information Element	Condition	Value/remark
- SSDT information		Not Present
- Default DPCH Offset Value		Arbitrary set to value 0306688 by step of 512
Downlink information for each radio link list	A1. A2. A3	
- Downlink information for each radio links		
- CHOICE mode		FDD
- Primary CPICH info		
- Primary scrambling code		Ref. to the Default setting in TS34 108 clause
		61 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RI		
- Primary CPICH usage for channel estimation		Primary CPICH may be used
- DPCH frame offset		0 chips
- Power offset Point popoli		
- Secondary CPICH info		Not Present
- DL channelisation code		<u>Not resent</u>
- Secondary scrambling code		4
- Spreading factor		Peference to TS34 108 clause 6 10 Parameter
		Sot
Code number		
<u>- Code humber</u>		
- Scrambling code change		<u>No change</u>
- IPC combination index		<u>U</u> Not Present
- SSDT Cell Identity		Not Present
- Closed loop timing adjustment mode		Not Present
- SCCPCH information for FACH		Not Present
Downlink information for each radio link list	<u>A4</u>	
<u>- Downlink information for each radio links</u>		
<u>- CHOICE mode</u>		<u>FDD</u>
- Primary CPICH info		
- Primary scrambling code		Ref. to the Default setting in TS34.108 clause
		<u>6.1 (FDD)</u>
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
<ul> <li>Downlink DPCH info for each RL</li> </ul>		
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>		Primary CPICH may be used
- DPCH frame offset		Set to value: Default DPCH Offset Value mod
		<u>38400</u>
<u>– Power offset Р<sub>Ріlot-DPDCH</sub></u>		<u>0</u>
<ul> <li>Secondary CPICH info</li> </ul>		Not Present
- DL channelisation code		
<ul> <li>Secondary scrambling code</li> </ul>		<u>4</u>
<ul> <li><u>Spreading factor</u></li> </ul>		Reference to TS34.108 clause 6.10 Parameter
		<u>Set</u>
- Code number		<u>0</u>
- Scrambling code change		No change
- TPC combination index		<u>0</u>
- SSDT Cell Identity		Not Present
- Closed loop timing adjustment mode		Not Present
- SCCPCH information for FACH		Not Present
- Downlink information for each radio link	A5	
- Choice mode		FDD
- Primary CPICH info		
- Primary scrambling code		Ref. to the Default setting in TS34.108 clause
		6.1 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RI		Not present
- SCCPCH information for FACH		Not Present
- Downlink information for each radio link	A6	
- Choice mode	<u> </u>	FDD
- Primary CPICH info		
- Primary scrambling code		Different from the Default setting in TS3/ 108
		clause 6.1 (FDD)
- PDSCH with SHO DCH info		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each Pl		Not present
- SCCPCH information for FACH		Not Present
	1	

	<b>Condition</b>	<b>Explanation</b>
<u>A1</u>		This IE need for "Non speech in CS"
A2		This IE need for "Speech in CS"
A3		This IE need for "Packet to CELL_DCH from CELL_DCH in PS"
A4		This IE need for "Packet to CELL DCH from CELL FACH in PS"
A5		This IE need for "Packet to CELL_FACH from CELL_DCH in PS"
<u>A6</u>		This IE need for "Packet to CELL_FACH from CELL_FACH in PS"

## Contents of TRANSPORT CHANNEL RECONFIGURATION COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
	the downlink TRANSPORT CHANNEL
	RECONFIGURATION message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall
	be absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked
CHOICE mode	<u>FDD</u>
COUNT-C activation time	The UE shall include this IE if the following two
	conditions are fulfilled: (a) The TRANSPORT CHANNEL
	RECONFIGURATION message did not contain the IE
	"Ciphering activation time for DPCH" and (b) The
	TRANSPORT CHANNEL RECONFIGURATION
	message established the first RB(s) mapped to RLC-TM
	for a CN domain or released the last RB(s) mapped to
	RLC-TM for a CN domain. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

#### Contents of TRANSPORT CHANNEL RECONFIGURATION FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identitifer	Checked to see if it is set to identical value of the same IE
	in the downlink TRANSPORT CHANNEL
	RECONFIGURATION message.
Integrity check info	The presence if this IE is dependent on IXIT statements in
	TS 34.123-2. if integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Checked to see if it meets test requirement

## Contents of TRANSPORT FORMAT COMBINATION CONTROL message: AM or UM (in CELL DCH)

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
CHOICE mode	<u>FDD</u>
DPCH/PUSCH TFCS in Uplink	
- CHOICE Subset representation	Allowed transport format combination list
<ul> <li>Allowed Transport format combination</li> </ul>	0 (The TFC is constructed from ALL TF0)
Activation time for TFC subset	Not Present
TFC Control duration	Not Present

# Contents of UE CAPABILITY ENQUIRY message: AM or UM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Capability update requirement	
- UE radio access FDD capability update	TRUE
requirement	
<ul> <li>UE radio access TDD capability update</li> </ul>	FALSE
<u>requirement</u>	
<ul> <li>System specific capability update requirement</li> </ul>	Not Present
list	

# Contents of UE CAPABILITY INFORMATION message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
	the downlink UE CAPABILITY ENQUIRY message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	In 15 34.123-2. If Integrity protection is indicated to be
	Active, this is shall be present with the values of the sub-
	absent
- Message authentication code	This IF is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
UE radio access capability	Value will be checked. Stated capability must be
	compatible with 34.123-2 (ICS statements) and the user
Access stratum release indicator	settings
- Access stratum release indicator	
- RLC Capability	
- Transport channel capability	
- RF Capability FDD	
- RF Capability TDD	
<ul> <li>Physical channel capability</li> </ul>	
- UE multi-mode/multi-RAT capability	
<u>- Security Capability</u>	
- UE positioning Capability	
<u> </u>	Value will be checked. Stated capability must be
OL Tadio access capability extension	compatible with 34 123-2 (ICS statements) and the user
	settings
UE system specific capability	Not Checked

# Contents of UE CAPABILITY INFORMATION CONFIRM message: UM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Set to the same value as received in the UE CAPABILITY
	INFORMATON message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.

## Contents of URA UPDATE message: TM

Information Element	Value/remark
Message Type	
<u>U-RNTI</u>	
- SRNC identity	<u>0000 0000 0001B</u>
<u> </u>	<u>0000 0000 0000 0000 0001B</u>
RRC transaction identifier	Checked to see if it is absent
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
URA update cause	See the test content
Protocol error indicator	Checked to see if it is absent or set to 'FALSE'
Protocol error information	Checked to see if it is absent

## Contents of URA UPDATE CONFIRM message: UM

Information Element	Value/remark
Message Type	
<u>U-RNTI</u>	If this message is sent on CCCH, use the following
	values. Else, this IE is absent.
- SRNC identity	<u>0000 0000 0001B</u>
<u>- S-RNTI</u>	<u>0000 0000 0000 0000 0001B</u>
RRC transaction identifier	Arbitrarily selects and integer between 0 and 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	Not Present
New U-RNTI	Not Present
New C-RNTI	Not Present
RRC state indicator	URA_PCH
UTRAN DRX cycle length coefficient	<u>3</u>
CN information info	Not Present
URA identity	See the test content
Downlink counter synchronisation info	Not Present

## Contents of UPLINK DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent.
- Message authentication code	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.
CN domain identity	Checked to see if set to supported a CN domain for which a signalling connection exists as specified in the IXIT statements
NAS message	Set according to that indicated in specific message content clause
Measured results on RACH	Not checked

## Contents of UTRAN MOBILITY INFORMATION message: AM or UM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
- message authentication code	SS calculates the value of MAC-I for this message and
	writes to this IE.
- RRC message sequence number	SS provides the value of this IE, from its internal counter.
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity protection mode info	Not Present
Ciphering mode info	Not Present
New U-RNTI	See the test content
New C-RNTI	See the test content
UE Timers and constants in connected mode	
- T301	2000 milliseconds
- N301	2
- T302	4000 milliseconds
- N302	3
- T304	1000 milliseconds
- N304	3
- T305	60 minutes
- <u>T307</u>	50 seconds
- T308	320 milliseconds
- T309	8 seconds
<u>- T310</u>	320 milliseconds
<u>- N310</u>	<u>5</u>
<u>- T311</u>	500 milliseconds
<u>- T312</u>	5 seconds
<u>- N312</u>	<u>200</u>
<u>- T313</u>	10 seconds
<u>- N313</u>	<u>200</u>
<u>- T314</u>	20 seconds
<u>- T315</u>	30 seconds
<u>- N315</u>	<u>200</u>
<u>- T316</u>	50 seconds
<u>- T317</u>	1800 seconds
CN information info	Not Present
URA identity	Not present
Downlink counter synchronisation info	Not Present

## Contents of UTRAN MOBILITY INFORMATION CONFIRM message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if it matches the value of the same IE in
	downlink UTRAN MOBILITY INFORMATION message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM, (b)
	UE is transiting to CELL_DCH state after the
	reconfiguration procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

# 9.1.2 Default RRC Message Contents (3.84 Mcps TDD)

[FFS]

# 9.1.3 Default RRC Message Contents (1.28 Mcps TDD)

This clause contains the default values of RRC messages, other than those specified in TS 34.108 clauses 6 and 9. Unless indicated otherwise in specific test cases, they shall be transmitted by the system simulator in RRC messages, and which are required to be received from the UE under test.

The necessary L3 messages are listed in alphabetic order, with the exception of the SYSTEM INFORMATION messages, where it is the information elements which are listed in alphabetic order (this is because some information elements occur in several SYSTEM INFORMATION types).

In this clause, decimal values are normally used. However, sometimes a hexadecimal value, indicated by an "H", or a binary value, indicated by a "B" is used.

#### **Default SYSTEM INFORMATION:**

 NOTE 1:
 SYSTEM INFORMATION BLOCK TYPE 1 (except for PLMN type "GSM-MAP"), SYSTEM

 INFORMATION BLOCK TYPE 8, SYSTEM INFORMATION BLOCK TYPE 9, SYSTEM

 INFORMATION BLOCK TYPE 10, SYSTEM INFORMATION BLOCK TYPE 14, SYSTEM

 INFORMATION BLOCK TYPE 15 and SYSTEM INFORMATION BLOCK TYPE 16 messages are not

 used.

## Contents of CELL UPDATE message: TM

Information Element	Value/remark
Message Type	
<u>U-RNTI</u>	Checked to see if it is set to the following values
- SRNC identity	<u>0000 0000 0001B</u>
<u>- S-RNTI</u>	<u>0000 0000 0000 0000 0001B</u>
RRC transaction identifier	Checked to see if it is absent
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
START List	Checked to see if the 'CN domain identity' and 'START'
	IEs are present for all CN domains supported by the UE
<ul> <li>- CN domain identity</li> </ul>	Checked to see if it is one of the supported CN domains
<u> </u>	Checked to see if it is present
AM_RLC error indication (RB2, RB3 or RB4)	Checked to see if it is set to 'FALSE'
AM RLC error indication (RB>4)	Checked to see if it is set to 'FALSE'
Cell update cause	See the test content
Failure cause	Checked to see if it is absent
RB timer indicator	
<u>- T314 expired</u>	Checked to see if it is set to 'FALSE'
- T315 expired	Checked to see if it is set to 'FALSE'
Measured results on RACH	Not checked

# Contents of CELL UPDATE CONFIRM message: UM

Information Element	Value/remark
Message Type	
<u>U-RNTI</u>	If this message is sent on CCCH, use the following
	values. Else, this IE is absent.
- SRNC identity	<u>0000 0000 0001B</u>
<u>- S-RNTI</u>	<u>0000 0000 0000 0000 0001B</u>
RRC transaction identifier	Selects an arbitrary integer between 0 to 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
-	writes to this IE.
- RRC message sequence number	SS provides the value of this IE, from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	Not Present
Activation time	Not Present – use default value
New U-RNTI	Not Present
New C-RNTI	Not Present
New DSCH-RNTI	Not Present
RRC State indicator	CELL FACH
UTRAN DRX cycle length coefficient	Not Present
RLC re-establish indicator (RB2, RB3 and RB4)	FALSE
RLC re-establish indicator (RB5 and upwards)	FALSE
CN information info	Not Present
URA identity	<u>0000 0000 0001B</u>
RB information to release list	Not Present
RB information to reconfigure list	Not Present
RB information to be affected list	Not Present
Downlink counter synchronisation info	Not Present
UL Transport channel information common for all	Not Present
transport channels	
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	Not Present
CHOICE mode	TDD
DL Transport channel information common for all	Not Present
transport channels	
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	Not Present
Frequency info	Not Present
Maximum allowed UL TX power	Not Present
CHOICE channel requirement	Not Present
CHOICE mode	
Downlink information common for all radio links	Not Present
Downlink information per radio link list	Not Present

# Contents of MEASUREMENT CONTROL message: AM

Information Element	Value/remark
RPC transaction identifier	Arbitrarily selects an unused integer between 0 to 3
	Arbitrarily selects an unused integer between 0 to 5
	in TO 24 422 2. If integrity protection is indicated to be
	In 15 34.123-2. If integrity protection is indicated to be
	active, this is present with the values of the subjects as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Measurement Identity	<u>1</u>
Measurement Command	<u>Setup</u>
Measurement Reporting Mode	
<ul> <li>Measurement Report Transfer Mode</li> </ul>	Acknowledged mode RLC
<ul> <li>Measurement Reporting/Event Trigger Reporting</li> </ul>	Periodical reporting
Mode	
Additional measurement list	Not Present
CHOICE Measurement type	Intra-frequency measurement
- Intra-frequency measurement	
- Intra-frequency cell info	
- New intra-frequency cell	
- Intra-frequency cell-id	0
- Cell info	-
- Cell individual offset	0dB
- Reference time difference to cell	Not Present
- Read SEN number	FALSE
- CHOICE mode	
- Primary CCPCH info	
	חחד
	1 28 Mone TDD
-Ceil parameters ID	
- Primary CCPCH TX power	Not Present
	Not Present
- Intra-frequency measurement quantity	Not resent
- Filter coefficient	0
- CHOICE mode	
- Measurement quantity list	
- Measurement quantity	Primary CCPCH RSCP
- Intra-frequency reporting quantity	
- Reporting quantities for active set cells	
- SEN-SEN observed time difference reporting	No report
indicator	
- Cell synchronisation information reporting	FALSE
indicator	
- Cell Identity reporting indicator	TRUE
- CHOICE mode	TDD
- Timeslot ISCP reporting indicator	FALSE
- Proposed TGSN Reporting required	FALSE
- Primary CCPCH RSCP reporting indicator	TRUE
- Pathloss reporting indicator	FALSE
- Reporting quantities for monitored cells	TALOL
- SEN-SEN observed time difference reporting	No report
indicator	
- Cell synchronisation information reporting	FALSE
indicator	
- Cell Identity reporting indicator	TRUE
- CHOICE mode	
- Timeslot ISCP reporting indicator	
- Intestor SOF Teporting Individual	
Drimony CCDCH DSCP reporting indicator	
Pothloga reporting indicator	
- Patriloss reporting indicator      Departing guaptities for detected set calls	<u>FALSE</u> Not Present
- Reporting quantities for detected set cells	
- Reporting cell status	Depart call within pative patient and/or resultance to all
	Report cell within active set and/or monitored cells on

	used frequency.
<ul> <li>Maximum number of reported cells</li> </ul>	2
<ul> <li>Measurement validity</li> </ul>	Not Present
- CHOICE report criteria	Periodic reporting criteria
- Amount of reporting	Infinity
- Reporting interval	<u>64 sec</u>
DPCH Compressed mode status info	Not Present

## Contents of MEASUREMENT CONTROL FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if it's set to the identical value for the
	same IE in the downlink MEASUREMENT CONTROL
	message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	See the test content

## Contents of MEASUREMENT REPORT message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Measurement identity	<u>1</u>
Measured Results	
<ul> <li>Intra-frequency measured results</li> </ul>	
<ul> <li>Cell measured results</li> </ul>	
- Cell Identity	Not present
<ul> <li>SFN-SFN observed time difference</li> </ul>	Checked that this IE is absent
<ul> <li>Cell synchronisation information</li> </ul>	Checked that this IE is absent
- CHOICE mode	Checked that this is TDD
- Cell parameters Id	<u>4</u>
- Proposed TGSN	Checked that this IE is absent
- Primary CCPCH RSCP	Checked that this IE is present.
<u> </u>	Checked that this IE is absent
- Timeslot list	Checked that this IE is absent
Measured results on RACH	Checked that this IE is absent
Additional measured results	Checked that this IE is absent
Event results	Checked that this IE is absent

## Contents of PAGING TYPE 1 message: TM (SMS in CS)

Information Element	Value/remark
Message Type	
Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	<u>CN identity</u>
- Paging cause	Terminating Low Priority Signalling
- CN domain identity	<u>CS domain</u>
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

## Contents of PAGING TYPE 1 message: TM (SMS in PS)

Information Element	Value/remark
Message Type	
Paging record	
- CHOICE Used paging identity	<u>CN identity</u>
- Paging cause	Terminating Low Priority Signalling
- CN domain identity	PS domain
- CHOICE UE identity	
<u>– IMSI (GSM-MAP)</u>	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

## Contents of PAGING TYPE 2 message: AM (Speech in CS)

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Paging cause	Terminating Conversational Call
CN domain identity	<u>CS domain</u>
Paging record type identifier	Select the same type as in the IE "Initial UE Identity" in
	RRC CONNECTION REQUEST" message.

## Contents of PHYSICAL CHANNEL RECONFIGURATION message: AM or UM

Information Element	Condition	Value/remark
Message Type	A1, A2, A3,	
	<u>A4, A5, A6</u>	
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3
		statements in TS 34 123-2 If integrity
		protection is indicated to be active, this IE is
		with the values of the sub IEs as stated below.
		Else, this IE and the sub-IEs are omitted.
- message authentication code		SS calculates the value of MAC-I for this
- RRC message sequence number		SS provides the value of this IF from its
		internal counter.
Integrity protection mode info		Not Present
Ciphering mode info	A4 A0 A0	
Activation time	<u>A1, A2, A3,</u> A4	(256+CFN-(CFN MOD 8 + 8))MOD 256
Activation time	A5, A6	Not Present
New U-RNTI		Not Present
New C-RNTI	<u>A1, A2, A3,</u>	Not Present
New C DNTI	<u>A4</u>	
New DSCH-RNTI		
	<u>A1, A2, A3,</u> <u>A4, A5, A6</u>	NULFIESEIIL
RRC State indicator	<u>A1, A2, A3,</u>	<u>CELL_DCH</u>
PPC State indicator	<u>A4</u> A5 A6	
UTRAN DRX cycle length coefficient	<u>A3, A0</u>	Not Present
CN information info		Not Present
URA identity		Not Present
Downlink counter synchronisation info		Not Present
-CHOICE mode		
- UARFCN(Nt)		Reference to TS34.108 clause 5.1 Parameter
		set.
Maximum allowed UL TX power		<u>30dBm</u>
CHOICE channel requirement	A4 A0 A0	Uplink DPCH info
	<u>A1, A2, A3,</u> A4	
- CHOICE mode	<u>~~</u>	TDD
- Uplink DPCH power control info		
<u>- UL Target SIR</u>		Reference to TS34.108
- CHOICE UL OL PC into		Individually signalled
- TPC step size		1 dB
- Primary CCPCH Tx Power		Reference to TS34.108
- CHOICE mode		TDD
- Uplink Timing Advance Control		Not Present
- TECS ID		1
- Time info		<u> </u>
- Activation time		(256+CFN-(CFN MOD 8 + 8))MOD 256
- Duration		<u>infinite</u>
- 2 <sup>nd</sup> interleaving mode		Reference to TS34.108 clause 6 Parameter
		Set.
- TFCI coding		Reference to TS34.108 clause 6 Parameter Set.
- Puncturing Limit		Reference to TS34.108 clause 6 Parameter
- Repetition Period		Reference to TS34.108 clause 6 Parameter
- Repetition Length		Set. Reference to TS34.108 clause 6 Parameter Set
- Uplink DPCH timeslots and codes     - First timeslot information		

- CHOICE TDD option     - Timeslot number     - TFCI existence     - Midamble shift and burst type		<u>1.28 Mcps</u> <u>The number of an uplink timeslot that has</u> <u>unassigned codes.</u> <u>TRUE</u>
- CHOICE TDD option     - Midamble Allocation Mode		<u>1.28 Mcps</u> <u>Default</u>
<u>- Midamble configuration</u> <u>- CHOICE TDD option</u> - Modulation		<u>16</u> <u>1.28 Mcps</u> QPSK
- SS-TPC Symbols - First timeslot code list		<u>1</u> <u>Repeated (1,2) for each channelisation code</u> assigned in the slot to meet the needs of
- Channelisation Code		TS34.108 clause 6 Parameter Set. (i/SF) where i denotes an unassigned code matching the SF specified in TS34.108 clause
- CHOICE more timeslots		<u>The presence of this IE depends on the</u> <u>number of resources specified in TS34.108</u> <u>section 6 and the number of slots in which they</u>
		are assigned.
CHOICE Mode		TDD
Downlink information common for all radio links	<u>A1, A2, A3,</u>	
Downlink DPCH info common for all PL	<u>A4</u>	
- Timing indicator		Maintain
- CFN-targetSFN frame offset		Not Present
- Downlink DPCH power control information		
-CHOICE mode		TDD
-TPC Step Size		<u>1</u>
<u>- CHOICE mode</u>		TDD
- CHOICE TDD option		<u>1.28 Mcps</u>
- ISID indicator		IRUE Not Drosent
- Default DPCH Offset value		Not Present
Downlink Information for each radio links		TDD
- Drimary CCPCH info		
- CHOICE mode		חחד
- CHOICE TDD option		1 28 Mcps
- TSTD indicator		TRUE
- Cell parameters ID		0
- Block STTD indicator		FALSE
- Downlink DPCH info for each RL		
- CHOICE mode		TDD
- DL CCTrCH List		
- TFCS ID		<u>1</u>
- Activation time		(256+CFN-(CFN MOD 8 + 8))MOD 256
<u> </u>		Infinite
<u>- Common timeslot info</u>		Deference to TC24 409
- 2 Interleaving mode		TRUE
TFCI coding Puncturing limit		IRUE Reference to TS24 108 clause 6 Peremeter
- Repetition period		Set 1
- Repetition length		Empty
- Downlink DPCH timeslots and codes		
- First Individual timeslot info		
- Individual timeslot info		
- Timeslot number		The number of an downlink timeslot that has
		unassigned codes.
- TFCI existence		IRUE
- Midamble shift and burst type		1.00 Mars
- CHOICE IDD option		1.28 MCPS
- IVIIGAMDIE Allocation mode		
		10 1.28 Mone TDD
- SS-TPC Symbols		1
		1

- First timeslot channelisation codes	
- First channelisation code	(i/SF) where i is the lowest numbered code
	that is being assigned and SF is specified in
	TS34.108 clause 6 Parameter Set.
<ul> <li>Last channelisation code</li> </ul>	(j/SF) where j is the highest numbered code
	that is being assigned in the slot.
<u> </u>	Bitmap of codes that are assigned in the slot.
- CHOICE more timeslots	The presence of this IE depends upon whether
	the requirements of TS34.108 Parameter Set
	can be met by the codes that have been
	assigned in the first timeslot.
<ul> <li>Secondary CCPCH info</li> </ul>	Not Present
<ul> <li>References to system information blocks</li> </ul>	Not Present

Cor	ndition	Explanation		
<u>A1</u>		This IE need for "Non speech in CS"		
<u>A2</u>		This IE need for "Speech in CS"		
<u>A3</u>		This IE need for "Packet to CELL DCH from CELL DCH in PS"		
<u>A4</u>		This IE need for "Packet to CELL DCH from CELL FACH in PS"		
A5		This IE need for "Packet to CELL_FACH from CELL_DCH in PS"		
<u>A6</u>		This IE need for "Packet to CELL_FACH from CELL_FACH in PS"		

## Contents of PHYSICAL CHANNEL RECONFIGURATION COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if it's set to identical value of the same IE
	in the downlink PHYSICAL CHANNEL
	RECONFIGURATION message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
- Message authentication code	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked
CHOICE mode	TDD
- CHOICE TDD option	1.28 Mcps
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM, (b)
	UE is transiting to CELL_DCH state after the
	reconfiguration procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

# Contents of RADIO BEARER SETUP message: AM or UM

Information Element	Condition	Value/remark
Message Type	A1, A2, A3,	
	A4, A5, A6	
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3
Integrity check info		The presence of this IE is dependent on IXIT
		statements in TS 34.123-2. If integrity
		protection is indicated to be active, this IE is
		present with the values of the sub IEs as
		stated below. Else, this IE and the sub-IEs are
- message authentication code		SS calculates the value of MAC-1 for this
- message authentication code		message and writes to this IF
- RRC message sequence number		SS provides the value of this IE. from its
		internal counter.
Integrity protection mode info		Not Present
Ciphering mode info		The presence of this IE is dependent on IXIT
		statements in TS 34.123-2. If ciphering is
		indicated to be active, this IE present with the
		values of the sub IEs as stated below. Else,
		this IE is omitted.
<u>- Ciphering mode command</u>		<u>Start</u>
<u>Ciphering algorithm</u>		Use one of the supported ciphering algorithms
- Ciphering activation time for DPCH		(256+CFN-(CFN MOD 8 + 8))MOD 256
- Radio bearer downlink cipnering activation time		Not Present
Activation time	A1 A2 A3	
Activation time	$\underline{A1, A2, A3},$	(230+CI 14-(CI 14 MOD 8 + 8))MOD 230
Activation time	A5 A6	Not Present
New U-RNTI	<u>//0, //0</u>	Not Present
New C-RNTI	A1, A2, A3,	Not Present
	A4	
New C-RNTI	A5, A6	<u>'1010 1010 1010 1010'</u>
New DSCH-RNTI	A1, A2, A3,	Not Present
	<u>A4, A5, A6</u>	
RRC State indicator	<u>A1, A2, A3,</u>	CELL DCH
	<u>A4</u>	
RRC State indicator	<u>A5, A6</u>	CELL_FACH
UTRAN DRX cycle length coefficient		Not Present
<u>CN Information Info</u>		Not Present
<u>CRA Identity</u> Signalling PP information to actum		Not Present
Signaling RB Information for setup	Δ1	Not Present
- RAB info	AI	
- RAB identity		0000 0001B
- CN domain identity		CS domain
- NAS Synchronization Indicator		Not Present
- Re-establishment timer		
<u>- T314</u>		20 seconds
- RB information to setup		
<u>- RB identity</u>		10
- PDCP info		Not Present
- CHOICE RLC info type		RLC info
- CHOICE Uplink RLC mode		IM RLC Not Propert
- Transmission RLC discard		
- CHOICE Downlink RI C mode		
- Segmentation indication		FALSE
- RB mapping info		
- Information for each multiplexing option		
- RLC logical channel mapping indicator		Not Present
- Number of uplink RLC logical channels		1
- Uplink transport channel type		DCH
- UL Transport channel identity		1
- Logical channel identity		<u>7</u>
- CHOICE RLC size list		All
<ul> <li>MAC logical channel priority</li> </ul>		<u>1</u>

- Downlink RLC logical channel info		
- Number of downlink RLC logical channels		1
- Downlink transport channel type		DCH
- DL DCH Transport channel identity		6
- Logical channel identity		7
RAB information for setup	A2	
- RAB info		
- RAB identity		0000 0001B
- CN domain identity		CS domain
- NAS Synchronisation Indicator		Not Present
- Re-establishment timer		
		20 seconds
 		20 3000103
<u>- RB information to Setup</u>		10
		10 Not Dropont
		Not Present
- CHOICE RLC INIO type		KLC INIO
- CHOICE Uplink RLC mode		<u>IM RLC</u>
- Transmission RLC discard		Not Present
- Segmentation indication		FALSE
- CHOICE Downlink RLC mode		<u>TM RLC</u>
<ul> <li>Segmentation indication</li> </ul>		FALSE
<ul> <li>- RB mapping info</li> </ul>		
<ul> <li>Information for each multiplexing option</li> </ul>		
<ul> <li>Number of RLC logical channels</li> </ul>		1
- Uplink transport channel type		DCH
- UL Transport channel identity		1
- Logical channel identity		7
- CHOICE RLC size list		ĀII
- MAC logical channel priority		$\overline{1}$
- Downlink RLC logical channel info		-
- Number of RLC logical channels		1
- Downlink transport channel type		БСН
- DL DCH Transport channel identity		6
- Logical channel identity		
- RB information to setup		<u>_</u>
- PB identity		11
PDCP info		11 Not Procent
		<u>Not Flesent</u> <u>PLC info</u>
CHOICE KLC IIII0 type		
- CHOICE Oplink RLC mode		<u>INITEC</u>
- Hansmission RLC discard		
- Segmentation Indication		FALSE
- CHOICE Downlink RLC mode		IM RLC
- Segmentation Indication		FALSE
- RB mapping into		
<ul> <li>Information for each multiplexing option</li> </ul>		
<ul> <li>Number of RLC logical channels</li> </ul>		$\frac{1}{2}$
<ul> <li>Uplink transport channel type</li> </ul>		DCH
<ul> <li>UL Transport channel identity</li> </ul>		2
<ul> <li>Logical channel identity</li> </ul>		<u>8</u>
- CHOICE RLC size list		All
<ul> <li>MAC logical channel priority</li> </ul>		<u>1</u>
<ul> <li>Downlink RLC logical channel info</li> </ul>		
<ul> <li>Number of RLC logical channels</li> </ul>		<u>1</u>
<ul> <li>Downlink transport channel type</li> </ul>		<u>DCH</u>
<ul> <li>DL DCH Transport channel identity</li> </ul>		7
- Logical channel identity		8
- RB information to setup		This IE is needed for 12.2 kbps and 10.2
		kbps)
- RB identity		12
- PDCP info		Not Present
- CHOICE RLC info type		RLC info
- CHOICE Uplink RI C mode		TMRIC
- Transmission RLC discard		Not Present
- Segmentation indication		FALSE
- CHOICE Downlink RI C mode		TMRIC
- Segmentation indication		
- Segmentation indication		
- KB mapping into		
<ul> <li>Information for each multiplexing option</li> </ul>	1	

<ul> <li>Number of RLC logical channels</li> </ul>		<u>1</u>																								
- Unlink transport channel type		DCH																								
- UL Transport channel identity		<u></u>																								
- Logical channel identity		9																								
CHOICE BLC aiza list		All																								
- MAC logical channel priority		1																								
- Downlink RLC logical channel info																										
Number of DLO legical channels																										
- Number of RLC logical channels		1																								
<ul> <li>Downlink transport channel type</li> </ul>		DCH																								
DL DCH Transport channel identity		0																								
		<u>o</u>																								
- Logical channel identity		9																								
RAB information for setup	Δ3 Δ4																									
	<u>AU, AT</u>																									
<u>- RAB info</u>																										
- RAB identity		0000 0001B																								
<u>CNI demain identitu</u>		DC domain																								
<u>- Civ domain identity</u>		<u>PS domain</u>																								
<ul> <li>NAS Synchronization Indicator</li> </ul>		Not Present																								
- Re-establishment timer																										
<u>- 1314</u>		20 seconds																								
- RB information to setup																										
PR identity		20																								
		<u> 20</u>																								
- PDCP info		Not Present																								
- CHOICE RLC info type		RLC info																								
- CHOICE Uplink RLC mode		AM KLC																								
- Transmission RLC discard																										
CDLL discord mode		No Discord																								
- SDU discard mode		No Discard																								
- MAX DAT		15																								
- Transmission window size		128																								
		500																								
- Timer_RST		<u>500</u>																								
- Max_RST		4																								
Dolling info		<u> </u>																								
<u> </u>																										
- Timer_poll_prohibit		200																								
<b>T</b> : <b>N</b>																										
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- Timer poli - Poli_PDU - Poli_SDU Last transmission PDU poli		200 Not Present 1 TRUE																								
- Limer poli - Poli_PDU - Poli_SDU - Last transmission PDU poli		200 Not Present 1 TRUE																								
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- IImer_poll     - Poll_PDU     - Poll_SDU     - Last transmission PDU poll     - Last retransmission PDU poll     - Last retransmission PDU poll     - Poll_Windows     - Timer_poll_periodic     - CHOICE Downlink RLC mode     - In-sequence delivery     - Receiving window size     - Downlink RLC status info     - Timer_status_prohibit     - Timer_EPC     - Missing PDU indicator     - Timer_STATUS_periodic     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of unlink RLC clogical channels		200           Not Present           1           TRUE           TRUE           99           Not Present           AM RLC           TRUE           128           200           Not Present           TRUE           128           200           Not Present           TRUE           Not Present           TRUE           Not Present           1																								
- IImer poll     - Poll PDU     - Poll SDU     - Last transmission PDU poll     - Last retransmission PDU poll     - Last retransmission PDU poll     - Poll Windows     - Timer_poll_periodic     - CHOICE Downlink RLC mode     - In-sequence delivery     - Receiving window size     - Downlink RLC status info     - Timer_status_prohibit     - Timer_status_prohibit     - Timer_EPC     - Missing PDU indicator     - Timer STATUS periodic     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels		200         Not Present         1         TRUE         TRUE         99         Not Present         AM RLC         TRUE         128         200         Not Present         TRUE         Not Present         TRUE         Not Present         TRUE         Not Present         1         Not Present         1         Not Present         1         DOW																								
- IImer poll     - Poll PDU     - Poll SDU     - Last transmission PDU poll     - Last retransmission PDU poll     - Poll Windows     - Timer_poll_periodic     - CHOICE Downlink RLC mode     - In-sequence delivery     - Receiving window size     - Downlink RLC status info     - Timer_status_prohibit     - Timer_EPC     - Missing PDU indicator     - Timer_STATUS_periodic     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type		200 Not Present 1 TRUE TRUE 99 Not Present AM RLC TRUE 128 200 Not Present TRUE Not Present Not Present Not Present 1 DCH																								
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- IImer poll     - Poll PDU     - Poll SDU     - Last transmission PDU poll     - Last retransmission PDU poll     - Last retransmission PDU poll     - Poll Windows     - Timer_poll_periodic     - CHOICE Downlink RLC mode     - In-sequence delivery     - Receiving window size     - Downlink RLC status info     - Timer_status_prohibit     - Timer_EPC     - Missing PDU indicator     - Timer STATUS_periodic     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel identity     - Logical channel identity		200           Not Present           1           TRUE           TRUE           99           Not Present           AM RLC           TRUE           128           200           Not Present           TRUE           128           200           Not Present           TRUE           Not Present           TRUE           Not Present           1           DCH           1           7																								
- IImer poll     - Poll PDU     - Poll SDU     - Last transmission PDU poll     - Last retransmission PDU poll     - Last retransmission PDU poll     - Poll Windows     - Timer poll periodic     - CHOICE Downlink RLC mode     - In-sequence delivery     - Receiving window size     - Downlink RLC status info     - Timer status prohibit     - Timer EPC     - Missing PDU indicator     - Timer STATUS periodic     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity		200 Not Present 1 TRUE TRUE 99 Not Present AM RLC TRUE 128 200 Not Present TRUE 200 Not Present TRUE Not Present Not Present 1 DCH 1 7 All ALL ALL ALL ALL ALL ALL ALL																								
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- IImer poll     - Poll PDU     - Poll SDU     - Last transmission PDU poll     - Last retransmission PDU poll     - Last retransmission PDU poll     - Poll Windows     - Timer_poll_periodic     - CHOICE Downlink RLC mode     - In-sequence delivery     - Receiving window size     - Downlink RLC status info     - Timer_status_prohibit     - Timer_status_prohibit     - Timer EPC     - Missing PDU indicator     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - CHOICE RLC size list     - MMC logical channel priority     Downlink RL C logical channel priority		200           Not Present           1           TRUE           TRUE           99           Not Present           AM RLC           TRUE           128           200           Not Present           TRUE           128           200           Not Present           TRUE           Not Present           1           DCH           1           Z           All           1																								
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<li>Poll Windows</li> <li>Timer_poll_periodic</li> <li>CHOICE Downlink RLC mode</li> <li>In-sequence delivery</li> <li>Receiving window size</li> <li>Downlink RLC status info</li> <li>Timer_status_prohibit</li> <li>Timer_EPC</li> <li>Missing PDU indicator</li> <li>RLC logical channel mapping indicator</li> <li>RLC logical channel mapping indicator</li> <li>Number of uplink RLC logical channels</li> <li>Uplink transport channel identity</li> <li>Logical channel priority</li> <li>Downlink RLC logical channels</li> <li>Outore RLC logical channel info</li> <li>Number of downlink RLC logical channels</li> <li>Uplink transport channel priority</li> <li>Logical channel identity</li> <li>Logical channel identity</li> <li>Logical channel identity</li> <li>Downlink RLC logical channels</li> <li>Number of downlink RLC logical channels</li> <li>Number of downlink RLC logical channels</li> <li>RAB information for setup</li> <li>RAB info</li> <li>RAB info</li> <li>RAB info</li> <li>RAB info</li> </ul>	<u>A5. A6</u>	200           Not Present           1           TRUE           TRUE           99           Not Present           AM RLC           TRUE           128           200           Not Present           TRUE           128           200           Not Present           TRUE           Not Present           1           DCH           1           7           All           1           1           DCH           6           7           (AM DTCH for PS domain)           0000 0001B           PS domain	<ul> <li>Foll PDU</li> <li>Poll SDU</li> <li>Last transmission PDU poll</li> <li>Last retransmission PDU poll</li> <li>Poll Windows</li> <li>Timer_poll_periodic</li> <li>CHOICE Downlink RLC mode</li> <li>In-sequence delivery</li> <li>Receiving window size</li> <li>Downlink RLC status info</li> <li>Timer_status_prohibit</li> <li>Timer STATUS periodic</li> <li>RLC logical channel mapping indicator</li> <li>Number of uplink RLC logical channels</li> <li>Uplink transport channel identity</li> <li>Logical channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>Downlink RLC logical channels</li> <li>Uplink transport channel info</li> <li>Number of downlink RLC logical channels</li> <li>Uplink transport channel identity</li> <li>Logical channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>Downlink RLC logical channel info</li> <li>Number of downlink RLC logical channels</li> <li>Downlink ransport channel info</li> <li>RAB information for setup</li> <li>RAB info</li> <li>RAB info</li> <li>RAB info</li> </ul>	A5, A6	200           Not Present           1           TRUE           TRUE           99           Not Present           AM RLC           TRUE           128           200           Not Present           TRUE           128           200           Not Present           TRUE           128           200           Not Present           TRUE           Not Present           1           DCH           1           7           All           1           DCH           6           7           (AM DTCH for PS domain)           0000 0001B           PS domain           Not Present	<ul> <li>Inmer poll</li> <li>Poll PDU</li> <li>Poll SDU</li> <li>Last transmission PDU poll</li> <li>Last retransmission PDU poll</li> <li>Poll Windows</li> <li>Timer poll periodic</li> <li>CHOICE Downlink RLC mode</li> <li>In-sequence delivery</li> <li>Receiving window size</li> <li>Downlink RLC status info</li> <li>Timer status prohibit</li> <li>Timer EPC</li> <li>Missing PDU indicator</li> <li>Timer STATUS periodic</li> <li>REC logical channel mapping indicator</li> <li>Number of uplink RLC logical channels</li> <li>Uplink transport channel identity</li> <li>Logical channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>Downlink RLC logical channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>Downlink RLC logical channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>CHOICE RLC size list</li> <li>Downlink transport channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>Downlink transport channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>Downlink transport channel identity</li> <li>CHOICE RLC size list</li> <li>Number of downlink RLC logical channels</li> <li>Downlink transport channel identity</li> <li>Logical channel identity</li> <li>RAB information for setup</li> <li>RAB information for setup</li> <li>RAB information for setup</li> <li>RAB information for setup</li> </ul>	A5. A6	200           Not Present           1           TRUE           TRUE           99           Not Present           AM RLC           TRUE           128           200           Not Present           TRUE           128           200           Not Present           TRUE           Not Present           1           DCH           1           DCH           6           7           (AM DTCH for PS domain)           0000 0001B           PS domain           Not Present
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<ul> <li>Foll PDU</li> <li>Poll SDU</li> <li>Last transmission PDU poll</li> <li>Last retransmission PDU poll</li> <li>Poll Windows</li> <li>Timer_poll_periodic</li> <li>CHOICE Downlink RLC mode</li> <li>In-sequence delivery</li> <li>Receiving window size</li> <li>Downlink RLC status info</li> <li>Timer_status_prohibit</li> <li>Timer STATUS periodic</li> <li>RLC logical channel mapping indicator</li> <li>Number of uplink RLC logical channels</li> <li>Uplink transport channel identity</li> <li>Logical channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>Downlink RLC logical channels</li> <li>Uplink transport channel info</li> <li>Number of downlink RLC logical channels</li> <li>Uplink transport channel identity</li> <li>Logical channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>Downlink RLC logical channel info</li> <li>Number of downlink RLC logical channels</li> <li>Downlink ransport channel info</li> <li>RAB information for setup</li> <li>RAB info</li> <li>RAB info</li> <li>RAB info</li> </ul>	A5, A6	200           Not Present           1           TRUE           TRUE           99           Not Present           AM RLC           TRUE           128           200           Not Present           TRUE           128           200           Not Present           TRUE           128           200           Not Present           TRUE           Not Present           1           DCH           1           7           All           1           DCH           6           7           (AM DTCH for PS domain)           0000 0001B           PS domain           Not Present																								
<ul> <li>Inmer poll</li> <li>Poll PDU</li> <li>Poll SDU</li> <li>Last transmission PDU poll</li> <li>Last retransmission PDU poll</li> <li>Poll Windows</li> <li>Timer poll periodic</li> <li>CHOICE Downlink RLC mode</li> <li>In-sequence delivery</li> <li>Receiving window size</li> <li>Downlink RLC status info</li> <li>Timer status prohibit</li> <li>Timer EPC</li> <li>Missing PDU indicator</li> <li>Timer STATUS periodic</li> <li>REC logical channel mapping indicator</li> <li>Number of uplink RLC logical channels</li> <li>Uplink transport channel identity</li> <li>Logical channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>Downlink RLC logical channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>Downlink RLC logical channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>CHOICE RLC size list</li> <li>Downlink transport channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>Downlink transport channel identity</li> <li>CHOICE RLC size list</li> <li>MAC logical channel priority</li> <li>Downlink transport channel identity</li> <li>CHOICE RLC size list</li> <li>Number of downlink RLC logical channels</li> <li>Downlink transport channel identity</li> <li>Logical channel identity</li> <li>RAB information for setup</li> <li>RAB information for setup</li> <li>RAB information for setup</li> <li>RAB information for setup</li> </ul>	A5. A6	200           Not Present           1           TRUE           TRUE           99           Not Present           AM RLC           TRUE           128           200           Not Present           TRUE           128           200           Not Present           TRUE           Not Present           1           DCH           1           DCH           6           7           (AM DTCH for PS domain)           0000 0001B           PS domain           Not Present																								

- T314		20 seconds
- RB information to setup		
<u> </u>		20
<u>- PDCP info</u>		Not Present
- CHOICE RLC info type		RLC info
- CHOICE Unlink RI C mode		AMRIC
- Transmission RLC discard		
<ul> <li>CHOICE SDU discard mode</li> </ul>		No Discard
- MAX DAT		15
<u> </u>		
- MaxMRW		
- Transmission window size		128
- Timer PST		500
- Max_RST		4
<u> </u>		
- Timer poll prohibit		200
- Timer poll		200
		Net Present
<u>- Poll PDU</u>		Not Present
<u> </u>		<u>1</u>
- Last transmission PDU poll		TRUE
- Last retransmission PDL poll		TRUE
Dell Windows		
- Limer poll periodic		Not Present
- CHOICE Downlink RLC mode		AM RLC
- In-sequence delivery		TRUE
Dessiving window size		100
- Receiving window size		128
<ul> <li>Downlink RLC status info</li> </ul>		
- Timer status prohibit		200
- Timer EPC		Not Present
		TOUTESCH
- Missing PDU Indicator		IRUE
- Timer STATUS periodic		Not Present
- RB mapping info		
- Information for each multiplexing option		
PLC logical channel manning indicator		Not Present
		NULFIESEIIL
- Number of uplink RLC logical channels		<u>1</u>
<ul> <li>Uplink transport channel type</li> </ul>		RACH
<ul> <li>Logical channel identity</li> </ul>		7
- CHOICE RI C size list		Explicit
		Potoronce to TS24 108 clause 6 Parameter
		<u>Nelelence lo 1334.100 clause o Palameter</u>
		Set
<ul> <li>MAC logical channel priority</li> </ul>		<u>6</u>
<ul> <li>Downlink RLC logical channel info</li> </ul>		
- Number of downlink RLC logical channels		1
- Downlink transport channel type		
- Logical channel identity		<u>0</u>
RB information to be affected	<u>A1, A2, A3,</u>	(UM DCCH for RRC)
	A4	
- RB identity		1
- PB manning info		<sup>→</sup>
- RD mapping into		
<ul> <li>Information for each multiplexing option</li> </ul>		
<ul> <li>RLC logical channel mapping indicator</li> </ul>		Not Present
- Number of uplink RLC logical channels		1
Linipk transport channel type		
- UL Transport channel identity		<u>5</u>
<ul> <li>Logical channel identity</li> </ul>		<u>1</u>
- CHOICE RLC size list		All
- MAC logical channel priority		1
Powelink DLC lexical showed info		<u> </u>
- Downlink RLC logical channel mio		
<ul> <li>Number of downlink RLC logical channels</li> </ul>		<u>  1</u>
<ul> <li>Downlink transport channel type</li> </ul>		DCH
- DL DCH Transport channel identity		10
		$\left \frac{1}{1}\right $
RB information to be affected	<u>A1, A2, A3,</u>	(AM DCCH for RRC)
	<u>A4</u>	
- RB identity		2
- RB mapping info		-
Information for each multiplaying action		
- momation for each multiplexing option		
- RLC logical channel mapping indicator	1	Not Present

<ul> <li>Number of uplink RLC logical channels</li> </ul>		1
Liplink transport abannal type		DOU .
- UL Transport channel identity		<u>5</u>
- Logical channel identity		2
CHOICE BLC aiza list		
		All
- MAC logical channel priority		2
- Downlink RLC logical channel info		
Number of downlink DLC logical channels		
- Number of downlink RLC logical channels		1
<ul> <li>Downlink transport channel type</li> </ul>		DCH
- DL DCH Transport channel identity		10
		10
- Logical channel identity		<u>∠</u>
RB information to be affected	A1, A2, A3,	(AM DCCH for NAS DT High priority)
	Δ.4	· · · · · · · · · · · · · · · · · · ·
	<u>A4</u>	
- RB identity		<u>3</u>
- RB mapping info		
Information for each multiploying option		
<ul> <li>RLC logical channel mapping indicator</li> </ul>		Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>		1
Laliak transport sharped time		
- Oplink transport channel type		
<ul> <li>UL Transport channel identity</li> </ul>		<u>5</u>
- Logical channel identity		3
		<u>AII</u>
<ul> <li>MAC logical channel priority</li> </ul>		<u>3</u>
- Downlink RLC logical channel info		
Number of downlink DLO is start at any 1		
- Number of downlink RLC logical channels		<u>1</u>
<ul> <li>Downlink transport channel type</li> </ul>		DCH
- DL DCH Transport channel identity		10
<u> </u>		<u>3</u>
RB information to be affected	A1, A2, A3,	(AM DCCH for NAS_DT Low priority)
	Δ4	
DD identify	<u>////</u>	4
		4
- RB mapping info		
<ul> <li>Information for each multiplexing option</li> </ul>		
PLC logical channel manping indicator		Not Procent
		NOLFIESEIIL
<ul> <li>Number of uplink RLC logical channels</li> </ul>		1
- Uplink transport channel type		DCH
- III. Transport channel identity		5
		<u><u> </u></u>
- Logical channel identity		<u>4</u>
- CHOICE RLC size list		All
- MAC logical channel priority		4
Develiels DLC legical shares linfe		<u> -</u>
- Downlink RLC logical channel mio		
<ul> <li>Number of downlink RLC logical channels</li> </ul>		1
- Downlink transport channel type		DCH
- DL DCH Transport channel identity		10
- Logical channel identity		<u>4</u>
RB information to be affected	A5, A6	(UM DCCH for RRC)
- PB identity	····, · ···	1
		<u>↓</u>
- KB mapping into		
<ul> <li>Information for each multiplexing option</li> </ul>		
- RI C logical channel manning indicator		Not Present
Number of unlink DLO leniest sharests		1
- Number of uplink RLC logical channels		<u>1</u>
<ul> <li>Uplink transport channel type</li> </ul>		RACH
- Logical channel identity		1
		<u> </u>
		Explicit
- RLC size index		Reference to TS34.108 clause 6 Parameter
		Set
MAC logical channel priority		<u></u>
- IVIAC logical channel priority		<u>∠</u>
<ul> <li>Downlink RLC logical channel info</li> </ul>		
- Number of downlink RLC logical channels		1
Downlink transport shannal type		
<ul> <li>Logical channel identity</li> </ul>		1
RB information to be affected	A5, A6	(AM DCCH for RRC)
- RB identity		2
DD mension in (		<u> </u>
- RB mapping into		
<ul> <li>Information for each multiplexing option</li> </ul>		
- RLC logical channel manning indicator		Not Present
Number of unlink PLC legical shannels		1
		1
- Unlink transport channel type	1	RACH

- 1 001021 (102000) 00000		0
		<u>∠</u>
- CHOICE RLC size list		Explicit
PLC size index		Potoronoo to TS24 109 clauso 6 Paramotor
		Set
- MAC logical channel priority		3
Downlink DLC legical channel info		≤
<ul> <li>Number of downlink RLC logical channels</li> </ul>		1
- Downlink transport channel type		
- Logical channel identity		2
RB information to be affected	A5, A6	(AM DCCH for NAS_DT High priority)
DD identify	<u>,</u>	
<u>- RB identity</u>		<u>3</u>
- RB mapping info		
- Information for each multiplexing option		
<ul> <li>RLC logical channel mapping indicator</li> </ul>		Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>		1
Liplink transport channel type		<b>BACH</b>
		NACIT
<ul> <li>Logical channel identity</li> </ul>		3
- CHOICE RI C size list		Explicit
		Deference to TOOA 400 slaves 0 Demonster
- RLC size index		Reference to 1534.108 clause 6 Parameter
		Set
- MAC logical channel priority		1
		1 <b>二</b>
- Downlink RLC logical channel info		
- Number of downlink RLC logical channels		1
Downlink transport sharped trans		
- Downlink transport channel type		FACH/PCH
<ul> <li>Logical channel identity</li> </ul>		<u>3</u>
PB information to be affected	A5 A6	(AM DCCH for NAS_DT Low priority)
KD IIIOIIIalioII lo be allected	<u>A3, A0</u>	(AW DOOTTO WAS_DT LOW PHONEY)
<u> </u>		<u>4</u>
- RB mapping info		
<u>Information for a shared interview and in</u>		
- Information for each multiplexing option		
<ul> <li>RLC logical channel mapping indicator</li> </ul>		Not Present
Number of uplink PLC logical chappels		1
		<u>+</u>
<ul> <li>Uplink transport channel type</li> </ul>		RACH
- Logical channel identity		4
		i ⊒ En en Biste
- CHOICE RLC SIZE IIST		Explicit
- RLC size index		Reference to TS34.108 clause 6 Parameter
		Sot
- MAC logical channel priority		<u>5</u>
<ul> <li>Downlink RLC logical channel info</li> </ul>		
Number of downlink DLC logical shannels		4
- Number of downlink RLC logical channels		<u> </u>
<ul> <li>Downlink transport channel type</li> </ul>		FACH/PCH
- Logical channel identity		4
DD information to be affected		
RB information to be attected		(TM BCCH for RRC)
	<u>A3, A0</u>	
- RB identity	<u>A3, A0</u>	6
- RB identity PR mapping info	<u>A3, A0</u>	<u>6</u>
- RB identity - RB mapping info	<u>A3, A0</u>	<u>6</u>
- RB identity     - RB mapping info     - Information for each multiplexing option	<u>A3, A0</u>	<u>6</u>
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RI C logical channels	<u>A3, A0</u>	<u>6</u> 1
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel transport	<u>A3, A0</u>	
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type	<u>A0, A0</u>	<u>6</u> <u>1</u> <u>FACH/PCH</u>
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity	<u>A3, A0</u>	<u>6</u> <u>1</u> <u>FACH/PCH</u> <u>5</u>
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info	<u>A3, A0</u>	6 <u>1</u> <u>FACH/PCH</u> <u>5</u> Not Present
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info	A5 or 40	<u>6</u> <u>1</u> <u>FACH/PCH</u> <u>5</u> <u>Not Present</u>
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected	<u>A5 or A6</u>	<u>6</u> <u>1</u> <u>FACH/PCH</u> <u>5</u> <u>Not Present</u> (TM PCCH for RRC)
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity	<u>A5 or A6</u>	<u>6</u> <u>1</u> <u>FACH/PCH</u> <u>5</u> <u>Not Present</u> ( <u>TM PCCH for RRC)</u> 7
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info      RB information to be affected     - RB identity     - BR mapping info	<u>A5 or A6</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       Z
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info	<u>A5 or A6</u>	<u>6</u> <u>1</u> <u>FACH/PCH</u> <u>5</u> <u>Not Present</u> ( <u>TM PCCH for RRC)</u> <u>7</u>
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info      RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option	<u>A5 or A6</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       Z
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info      RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels	<u>A5 or A6</u>	<u>6</u> <u>1</u> <u>FACH/PCH</u> <u>5</u> <u>Not Present</u> ( <u>TM PCCH for RRC)</u> <u>7</u> <u>1</u>
- RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     Downlink RLC logical channels	<u>A5 or A6</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       7
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type	<u>A5 or A6</u>	<u>6</u> <u>1</u> <u>FACH/PCH</u> <u>5</u> <u>Not Present</u> ( <u>TM PCCH for RRC)</u> <u>7</u> <u>1</u> <u>FACH/PCH</u>
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel info	<u>A5 or A6</u>	<u>1</u> <u>FACH/PCH</u> <u>5</u> <u>Not Present</u> ( <u>TM PCCH for RRC)</u> <u>7</u> <u>1</u> <u>FACH/PCH</u> <u>1</u>
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info      RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info	<u>A5 or A6</u>	<u>6</u> <u>1</u> <u>FACH/PCH</u> <u>5</u> <u>Not Present</u> ( <u>TM PCCH for RRC)</u> <u>7</u> <u>1</u> <u>FACH/PCH</u> <u>1</u> <u>Not Present</u>
- RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info	<u>A5 or A6</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       7       1       FACH/PCH       1       Not Present
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info	<u>A5 or A6</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       7       1       FACH/PCH       1       Not Present       Not Present       Not Present
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     Downlink RLC logical channel info     Downlink RLC logical channel info	<u>A5 or A6</u> A1, A2,A3.	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       Z       1       FACH/PCH       1       Not Present       Not Present
- RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     Downlink RLC logical channel info	<u>A5 or A6</u> <u>A1, A2,A3,</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       7       1       FACH/PCH       1       Not Present       Not Present
- RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     Downlink RLC logical channel info     Downlink RLC logical channel info	<u>A5 or A6</u> <u>A1, A2,A3, A4</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       7       1       FACH/PCH       1       Not Present       Not Present       Not Present
- RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info	<u>A5 or A6</u> <u>A1, A2,A3, <u>A4</u></u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       7       1       FACH/PCH       1       Not Present       Not Present       Not Present
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channels     - Downlink RLC logical channel type     - Logical channel identity     - Downlink RLC logical channel info     Downlink RLC logical channel info     - Downlink RLC logical channel info     - Downlink RLC logical channel info	<u>A5 or A6</u> <u>A1, A2,A3, A4</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       Z       1       FACH/PCH       1       Not Present       Not Present       Not Present       Not Present
- RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     Downlink Counter synchronisation info     UL Transport channel information for all transport     channels     - PRACH TFCS     - CHOICE mode     Logicid wall the COTFOLL information	<u>A5 or A6</u> <u>A1, A2,A3, A4</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       7       1       FACH/PCH       1       Not Present       Not Present       Not Present       Not Present
- RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel info     Downlink RLC logical channels     - Downlink RLC logical channel info     Downlink Counter synchronisation info     UL Transport channel information for all transport     channels     - PRACH TFCS     - CHOICE mode     - Individual UL CCTrCH information	<u>A5 or A6</u> <u>A1, A2,A3, A4</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       7       1       FACH/PCH       1       Not Present       Not Present       Not Present       Not Present
- RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     - Individual UL CCTrCH information     - TFCS ID	<u>A5 or A6</u> <u>A1, A2,A3, A4</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       Z       1       FACH/PCH       1       Not Present       Not Present       Not Present       Not Present       1
- RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     Downlink counter synchronisation info     UL Transport channel information for all transport     channels     - PRACH TFCS     - CHOICE mode     - Individual UL CCTrCH information     - TFCS ID     - Shared Channel Indicator	<u>A5 or A6</u> <u>A1, A2,A3, <u>A4</u></u>	$\frac{1}{6}$ $\frac{1}{FACH/PCH}$ $\frac{5}{Not Present}$ $\frac{1}{TM PCCH \text{ for RRC}}$ $\frac{1}{7}$ $\frac{1}{FACH/PCH}$ $\frac{1}{Not Present}$ Not Present $\frac{Not Present}{TDD}$ $\frac{1}{FAL SE}$
- RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel info     Downlink RLC logical channel info     Downlink RLC logical channel info     Downlink counter synchronisation info     UL Transport channel information for all transport     channels     - PRACH TFCS     - CHOICE mode     - Individual UL CCTrCH information     - TFCS ID     - Shared Channel Indicator	<u>A5 or A6</u> <u>A1, A2,A3, A4</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       7       1       FACH/PCH       1       Not Present       Not Present       Not Present       Not Present       1       FALSE
- RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     Downlink counter synchronisation info     UL Transport channel information for all transport     channels     - PRACH TFCS     - CHOICE mode     - Individual UL CCTrCH information     - TFCS ID     - Shared Channel Indicator     - UL TFCS	<u>A5 or A6</u> <u>A1, A2,A3,</u> <u>A4</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       7       1       FACH/PCH       1       Not Present       Not Present       Not Present       Not Present       1       FALSE
- RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - RB mapping info     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channels     - Downlink RLC logical channel info     Downlink counter synchronisation info     UL Transport channel information for all transport     channels     - CHOICE mode     - Individual UL CCTrCH information     - TFCS ID     - Shared Channel Indicator     - UL TFCS     - CHOICE TFCI signalling	<u>A5 or A6</u> <u>A1, A2,A3, A4</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       Z       1       FACH/PCH       1       Not Present       Not Present       Not Present       Not Present       1       FALSE       Normal
- RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink RLC logical channel info     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel type     - Logical channel identity     - Downlink transport channel info     Downlink counter synchronisation info     UL Transport channel information for all transport     channels     - PRACH TFCS     - CHOICE mode     - Individual UL CCTrCH information     - TFCS ID     - Shared Channel Indicator     - UL TFCS     - CHOICE TFCI signalling     TECL Eicled 1 information	<u>A5 or A6</u> <u>A1, A2,A3, A4</u>	1       FACH/PCH       5       Not Present       (TM PCCH for RRC)       7       1       FACH/PCH       1       Not Present       Not Present       Not Present       1       FALSE       Normal

- CHOICE TFCS representation		<u>Complete</u>
- TFCS complete reconfigure information		
- CHOICE CIFC Size		Refer to 1S34.108 clause 6.10.3.4
- CIFC Information		Refer to 1534.108 clause 6.10.3.4 Parameter Set
- TFC subset		
<ul> <li>CHOICE Subset representation</li> </ul>		Allowed transport format combination list
- Allowed Transport Format combination list		Refer to TS34.108 clause 6 Parameter Set
UL Transport channel information for all transport	<u>A5, A6</u>	
channels		
<u>- TFC subset</u>		(This IE is repeated for TFC number.)
<ul> <li>Allowed Transport Format combination</li> </ul>		<u>0 to MaxTFCvalue-1 (MaxTFCValue is refer to</u>
		TS34.108 clause 6 Parameter Set.)
- CHOICE TECL signalling		(This is repeated for TFC humber.)
- TECL Field 1 information		Normal
- CHOICE TFCS representation		
- TFCS complete reconfigure information		
- CHOICE TFCS Size		Number of used bits must be enough to cover
		all combinations of CTFC from TS34.108
		clause 6.10.3.4 Parameter Set
- CIFC Information		Not Present
- Individual UL CCTrCH information		<u>IDD</u> Not Present
Deleted UI TrCH information	Δ4	
- Uplink transport channel type	<u>//-</u>	DCH
- Transport channel identity		15
Deleted UL TrCH information	<u>A5</u>	
<ul> <li>Uplink transport channel type</li> </ul>		DCH
- UL Transport channel identity		$\frac{1}{2}$
- Uplink transport channel type		DCH 5
Added or Reconfigured III. TrCH information		5
Added of Reconfigured OE Horrinionnation	A4	
- Uplink transport channel type	<u></u>	DCH
- UL Transport channel identity		1
<u>- TFS</u>		
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		(This IE is repeated for TFT number)
- <u>- RLC 5126</u>		Reference to 1534.106 clause 6 Parameter
- Number of TBs and TTLList		(This IF is repeated for TEL number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34.108 clause 6 Parameter
		<u>Set</u>
- CHOICE Logical Channel list		ALL
- Semi-static Transport Format information		Deference to TS24.109 clouce 6 Decemptor
		Set
- Type of channel coding		Reference to TS34.108 clause 6 Parameter
		Set
- Coding Rate		Reference to 1S34.108 clause 6 Parameter
- Rate matching attribute		Reference to TS34.108 clause 6 Parameter
		Set
		Set
Added or Reconfigured UL TrCH information	<u>A1, A2, A3,</u>	If TrCH reconfiguration is executed then this is
	<u>A4</u>	needed (e.g. The rate of SRB for DCCH is
Liplink transport shares i time		changed.).
- Uplink transport channel type		
- UL mansport channel identity - TES		2
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		(This IE is repeated for TFI number)
- RLC Size		Reference to TS34.108 clause 6 Parameter
		Set
Number of TD a send TTL List	1	(This IE is repeated for TEL number.)
- Transmission Time Interval		Not Present
--	------------------	--
- Number of Transport blocks		Reference to TS3/ 108 clause 6 Parameter
		Cet
- CHOICE Logical Channel list		ALL
<ul> <li>Semi-static Transport Format information</li> </ul>		
<ul> <li>Transmission time interval</li> </ul>		Reference to TS34.108 clause 6 Parameter
		Set
- Type of channel coding		Reference to TS3/ 108 clause 6 Parameter
Type of charmer county		Set
- Coding Rate		Reference to 1534.108 clause 6 Parameter
		Set
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6 Parameter
		Set
- CRC size		Reference to TS34 108 clause 6 Parameter
0100020		Sot
	10	<u>381</u>
Added or Reconfigured UL TrCH information	<u>A2</u>	
<ul> <li>Uplink transport channel type</li> </ul>		<u>DCH</u>
- UL Transport channel identity		2
- TES		-
- CHOICE Transport channel type		Dedicated transport channels
Dunomia Transport formation		(This IE is reported for TEL sumber)
- Dynamic Transport format information		(This IE is repeated for TFT number)
- RLC size		Reference to clause 6 Parameter Set
<ul> <li>Number of TBs and TTI List</li> </ul>		Reference to clause 6 Parameter Set
- Transmission Time Interval		Not Present
- Number of transport blocks		Reference to clause 6 Parameter Set
- CHOICE Logical Channel List		
Somi statio Transport Format information		<u>/</u>
- Semi-static transport Format Information		
<ul> <li>Transmission time interval</li> </ul>		Reference to clause 6 Parameter Set
<ul> <li>Type of channel coding</li> </ul>		Reference to clause 6 Parameter Set
- Coding Rate		Reference to clause 6 Parameter Set
- Rate matching attribute		Reference to clause 6 Parameter Set
- CRC size		Reference to clause 6 Parameter Set
Added or Reconfigured LIL TrCH information	Α2	(This IE is needed for 12.2 kbps and 10.2
	<u>7.2</u>	(1110 12 10 1100000 101 12:2 10000 0110 12:2
Linkels transment all annual types		
- Uplink transport channel type		
- UL Transport channel identity		<u>3</u>
<u>- TFS</u>		(This IE is repeated for TFI number)
<ul> <li>CHOICE Transport channel type</li> </ul>		Dedicated transport channels
<ul> <li>Dynamic Transport format information</li> </ul>		
- RI C size		Reference to clause 6 Parameter Set
- Number of TBs and TTLL ist		Reference to clause 6 Parameter Set
		Not Procent
		Not Flesenic
- Number of transport blocks		Reference to clause 6 Parameter Set
- CHOICE Logical Channel List		All
<ul> <li>Semi-static Transport Format information</li> </ul>		
- Transmission time interval		Reference to clause 6 Parameter Set
- Type of channel coding		Reference to clause 6 Parameter Set
- Coding Rate		Reference to clause 6 Parameter Set
Poto motohing attribute		Reference to clause & Parameter Set
		Reference to clause 6 Parameter Set
- URU SIZE		Keterence to clause 6 Parameter Set
DL Transport channel information common for all	<u>A1,A2,A3,</u>	
transport channel	<u>A4</u>	
- SCCPCH TFCS		Not Present
- CHOICE mode		TDD
- Individual DL_CCTrCH information		<u>155</u>
- Snared Channel Indicator		FALSE
- CHOICE DL parameters		Independent
- DL DCH TFCS		(This IE is repeated for TFC number.)
- CHOICE TFCI signalling		Normal
- TFCI Field 1 information		-
- CHOICE TECS representation		Complete
- TECS complete reconfigure information		
		Refer to TS3/ 108 clause 6 10 2 /
		Pofor to TS24 102 clause 6 10 2 4
		Nelei 10 1004.100 tiduse 0.10.0.4
<u>UL Transport channel information common for all</u>	<u>A5, A6</u>	
tropoport obcopol	1	

	1	
- SCCPCH TFCS		(This IE is repeated for TFC number.)
- CHOICE TECL signalling		Normal
		INUTITAL
- TFCI Field 1 information		
- CHOICE TECS representation		Addition
		Addition
<ul> <li>IFCS addition information</li> </ul>		
- CHOICE CTEC Size		Number of hits used must be enough to cover
		Number of bits used must be enough to cover
		all combinations of CTFC from clause 6.10.3.4
- CTEC information		Refer to TS3/ 108 clause 6 10 3 / Parameter
		<u>Set</u>
- Power offset information		Not Present
- CHOICE mode		IDD
<ul> <li>IndividualDL_CCTrCH information</li> </ul>		Not Present
Deleted DL TrCH information	<u>A4</u>	
- Downlink transport channel type		DCH
- I ransport channel identity		<u>12</u>
<ul> <li>Downlink transport channel type</li> </ul>		DCH
Transment of annual identity		40
- I ransport channel identity		<u>13</u>
<ul> <li>Downlink transport channel type</li> </ul>		DCH
Transport shownal identity		
- Transport channel identity		<u>14</u>
Deleted DL TrCH information	A5	
	<u>/10</u>	POLL
<ul> <li>Downlink transport channel type</li> </ul>		DCH
- DL Transport channel identity		6
Downlink transport channel to a		DOU .
- Downlink transport channel type		
- Transport channel identity		10
Added or Reconfigured DL TrCH information	<u>A1,A2</u>	
<ul> <li>Downlink transport channel type</li> </ul>		DCH
DI Transment als annual identifier		
- DL Transport channel identity		<u>6</u>
- CHOICE DL parameters		Same as UI
- Uplink transport channel type		DCH
- UL TrCH identity		1
DCH quality target		÷
- BLER Quality value		-6.3
Transporent mode signalling info		Not Present
		INUL FIESEIIL
Added or Reconfigured DL TrCH information		If TrCH reconfiguration is executed then this is
Added of Reconfigured DE Trort information	$\underline{A1, A2, A0,}$	noodod(o g. The rate of SPR for DCCH is
	<u>A1, A2, A3,</u> <u>A4</u>	needed(e.g. The rate of SRB for DCCH is
	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.).
	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.).
- Downlink transport channel type	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH
- Downlink transport channel type     - DL Transport channel identity	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number)
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RI C Size	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34 108 clause 6 Parameter
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTLL ist	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.)
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.)
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.).         DCH         10         Explicit         Dedicated transport channels (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter         Set         ALL
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set ALL
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.).         DCH         10         Explicit         Dedicated transport channels (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter         Set         ALL
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate		needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute		needed(e.g. The rate of SRB for DCCH is changed.).         DCH         10         Explicit         Dedicated transport channels (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter         Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size	<u>A4</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size		needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size		needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size		needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size     - DCH quality target     - BLER Quality value		needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size		needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size     - DCH quality target     - Transparent mode signalling info		needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info		needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Added or Reconfigured DL TrCH information	<u>A2</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Added or Reconfigured DL TrCH information     - Downlink transport channel type	<u>A2</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel type	<u>A2</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel type	<u>A2</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Transmission time interval     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters	<u>A2</u>	needed(e.g. The rate of SRB for DCCH is changed.).         DCH         10         Explicit         Dedicated transport channels (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter         Set         Reference to TS34.108 clause 6 Parameter
- Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Unlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Unlink transport channel type     - Transport channel identity	<u>A2</u>	needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Explicit Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL Reference to TS34.108 clause 6 Parameter Set Reference to TS34.108 clause 6 Parameter Set CH Z

- UL TrCH identity		2
Added or Reconfigured DL TrCH information	A2	(This IE is needed for 12.2 kbps and 10.2
Added of Reconfigured DE Troff Information	<u>/ \Z</u>	
		<u>kupsj</u>
<ul> <li>Downlink transport channel type</li> </ul>		DCH
<ul> <li>Transport channel identity</li> </ul>		8
- CHOICE DL parameters		SameAsUL
- Uplink transport channel type		DCH
		<u> </u>
<u>- DCH quality target</u>		
- BLER Quality value		<u>-6.3</u>
<ul> <li>Transparent mode signalling info</li> </ul>		Not Present
Added or Reconfigured DL TrCH information	Δ3 Δ4	
Develiek transport channel type	<u>//0, ///</u>	DCH
- Downlink transport charmer type		
- DL Transport channel identity		<u>6</u>
- CHOICE DL parameters		Explicit
- TFS		
- CHOICE Transport channel type		Dedicated transport channels
Dynamic Transport format information		(This IE is repeated for TEL number)
<u> </u>		Reference to 1534.108 clause 6 Parameter
		Set
<ul> <li>Number of TBs and TTI List</li> </ul>		(This IE is repeated for TFI number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34 108 clause 6 Parameter
		Set
- CHOICE Logical Channel list		ALL
<ul> <li>Semi-static Transport Format information</li> </ul>		
- Transmission time interval		Reference to TS34,108 clause 6 Parameter
		Set
Turne of channel coding		<u>Set</u> Beference to TC24.400 elevies C Beremeter
<u>- Type of channel coding</u>		Reference to 1534.108 clause 6 Parameter
		<u>Set</u>
- Coding Rate		Reference to TS34.108 clause 6 Parameter
		Set
- Pate matching attribute		Peterence to TS34 108 clause 6 Parameter
		Set
- CRC size		Reference to TS34.108 clause 6 Parameter
<u> </u>		Reference to TS34.108 clause 6 Parameter Set
- CRC size		Reference to TS34.108 clause 6 Parameter Set
<u>- CRC size</u> <u>- DCH quality target</u> - BLER Quality value		Reference to TS34.108 clause 6 Parameter Set
<u>- CRC size</u> <u>- DCH quality target</u> <u>- BLER Quality value</u> Transparent mode signalling info		Reference to TS34.108 clause 6 Parameter Set -6.3
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info		Reference to TS34.108 clause 6 Parameter Set -6.3 Not Present
<u>- CRC size</u> <u>- DCH quality target</u> <u>- BLER Quality value</u> <u>- Transparent mode signalling info</u> <u>Frequency info</u>		Reference to TS34.108 clause 6 Parameter Set -6.3 Not Present
<u>- CRC size</u> <u>- DCH quality target</u> <u>- BLER Quality value</u> <u>- Transparent mode signalling info</u> <u>Frequency info</u> <u>- CHOICE mode</u>		Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       TDD
<u>- CRC size</u> <u>- DCH quality target</u> <u>- BLER Quality value</u> <u>- Transparent mode signalling info</u> <u>Frequency info</u> <u>- CHOICE mode</u> <u>- UARFCN (Nt )</u>		Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present
<u>- CRC size</u> <u>- DCH quality target</u> <u>- BLER Quality value</u> <u>- Transparent mode signalling info</u> <u>Frequency info</u> <u>- CHOICE mode</u> <u>- UARFCN (Nt )</u>		Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Frequency info     - CHOICE mode     - UARFCN (Nt )		Reference to TS34.108 clause 6 Parameter         Set       -6.3         -6.3 Not Present       -0.100 Present         TDD       Reference to TS34.108 clause 6 Parameter         Set       -0.100 Present
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Frequency info     - CHOICE mode     - UARFCN (Nt )  Maximum allowed UL TX power		Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -0.00000000000000000000000000000000000
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Frequency info     - CHOICE mode     - UARFCN (Nt )     Maximum allowed UL TX power     CHOICE channel requirement	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       -6.3         JOD       -6.3         Uplink DPCH info       -6.3
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Frequency info     - CHOICE mode     - UARFCN (Nt )     Maximum allowed UL TX power     CHOICE channel requirement     - Uplink DPCH power control info	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       -6.3         JOD       -6.3         Reference to TS34.108 clause 6 Parameter         Set       -6.3         JOdBm       Uplink DPCH info
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Frequency info     - CHOICE mode     - UARFCN (Nt )     Maximum allowed UL TX power     CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode	<u>A1, A3, A4</u>	TDD         Reference to TS34.108 clause 6 Parameter         -6.3         Not Present         TDD         Reference to TS34.108 clause 6 Parameter         Set         30dBm         Uplink DPCH info         TDD
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Frequency info     - CHOICE mode     - UARFCN (Nt )     Maximum allowed UL TX power     CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       30dBm         Uplink DPCH info       -6.3         TDD       Reference to TS34.108 Parameter set.
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Frequency info     - CHOICE mode     - UARFCN (Nt )  Maximum allowed UL TX power CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -         TDD       Reference to TS34.108 clause 6 Parameter         Set       -         30dBm       Uplink DPCH info         TDD       Reference to TS34.108 Parameter set.         Individually signalled       -
- CRC size      - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt )  Maximum allowed UL TX power  CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     CHOICE TDD option	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -         TDD       Reference to TS34.108 clause 6 Parameter         Set       -         30dBm       -         Uplink DPCH info       -         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mape
- CRC size      - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt )      Maximum allowed UL TX power      CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option      TDC after size	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -         TDD       Reference to TS34.108 clause 6 Parameter         Set       -         30dBm       Uplink DPCH info         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         4.dD       -
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt )  Maximum allowed UL TX power  CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -         TDD       Reference to TS34.108 clause 6 Parameter         Set       -         30dBm       Uplink DPCH info         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1 dB       -
- CRC size      - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt )      Maximum allowed UL TX power      CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         -6.3         Not Present         TDD         Reference to TS34.108 clause 6 Parameter         Set         30dBm         Uplink DPCH info         TDD         Reference to TS34.108 Parameter set.         Individually signalled         1.28 Mcps         1 dB         Not Present
- CRC size      - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt )      Maximum allowed UL TX power      CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -         TDD       Reference to TS34.108 clause 6 Parameter         Set       30dBm         Uplink DPCH info       -         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1 dB       Not Present         TDD       -
CRC size      DCH quality target     BLER Quality value     Transparent mode signalling info      Frequency info     CHOICE mode     UARFCN (Nt.)  Maximum allowed UL TX power  CHOICE channel requirement     Uplink DPCH power control info     CHOICE mode     UL Target SIR     CHOICE UL OL PC info     CHOICE TDD option     TPC step size     Primary CCPCH Tx Power     CHOICE mode     ULoink Timing Advance Control	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -         TDD       Reference to TS34.108 clause 6 Parameter         Set       -         30dBm       -         Uplink DPCH info       -         TDD       Reference to TS34.108 Parameter set.         Individually signalled       -         1.28 Mcps       -         1 dB       Not Present         Not Present       -         DD       Not Present
- CRC size      - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt )  Maximum allowed UL TX power  CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power      - CHOICE mode     - Uplink Timing Advance Control     - Ull cortrol List	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -         TDD       Reference to TS34.108 clause 6 Parameter         Set       -         30dBm       -         Uplink DPCH info       -         TDD       Reference to TS34.108 Parameter set.         Individually signalled       -         1.28 Mcps       -         1 dB       Not Present         Not Present       -
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt )  Maximum allowed UL TX power CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - UDInk Timing Advance Control     - UL CCTrCH List  TECS Id	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       -6.3         30dBm       -6.3         Uplink DPCH info       -6.3         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1 dB       Not Present         TDD       Not Present         1 dB       Not Present         1 dB       Not Present
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt )      Maximum allowed UL TX power     CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - UL CCTrCH List     - TFCS Id	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -         TDD       Reference to TS34.108 clause 6 Parameter         Set       30dBm         Uplink DPCH info       -         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1 dB       Not Present         TDD       Not Present         1       -
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt )      Maximum allowed UL TX power     CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - UL CCTrCH List     - TFCS Id     - Time info	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -         TDD       Reference to TS34.108 clause 6 Parameter         Set       30dBm         Uplink DPCH info       -         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1 dB       Not Present         TDD       Not Present
CRC size     DCH quality target     BLER Quality value     Transparent mode signalling info      Frequency info     CHOICE mode     UARFCN (Nt )      Maximum allowed UL TX power      CHOICE channel requirement     Uplink DPCH power control info     CHOICE mode     UL Target SIR     CHOICE UL OL PC info     CHOICE TDD option     TPC step size     Primary CCPCH Tx Power      CHOICE mode     UL CCTrCH List     TFCS Id     Time info     Activation time	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       30dBm         Uplink DPCH info       -6.3         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1 dB       Not Present         Not Present       -6.3         1       (256+CFN-(CFN MOD 8 + 8))MOD 256
CRC size     DCH quality target     BLER Quality value     Transparent mode signalling info      Frequency info     CHOICE mode     UARFCN (Nt.)      Maximum allowed UL TX power     CHOICE channel requirement     Uplink DPCH power control info     CHOICE mode     UL Target SIR     CHOICE UL OL PC info     CHOICE TDD option     TPC step size     Primary CCPCH Tx Power     CHOICE mode     Uplink Timing Advance Control     UL CCTrCH List     TFCS Id     Time info     Activation time     Duration	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -         TDD       Reference to TS34.108 clause 6 Parameter         Set       30dBm         Uplink DPCH info       -         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1 dB       Not Present         TDD       Not Present         1       (256+CFN-(CFN MOD 8 + 8))MOD 256         infinite       -
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt )      Maximum allowed UL TX power     CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - UDInk Timing Advance Control     - UL CCTrCH List     - TFCS Id     - Time info      - Activation time     - Duration     - Common timeslot info	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       -6.3         30dBm       -6.3         Uplink DPCH info       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       -6.3         30dBm       -6.3         Uplink DPCH info       -6.3         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1.28 Mcps       1.4B         Not Present       -6.3         TDD       Not Present         1       (256+CFN-(CFN MOD 8 + 8))MOD 256         infinite       -6.3
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt )      Maximum allowed UL TX power     CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - UL CCTrCH List     - TFCS Id     - Time info     - Activation time     - Duration     - Common timeslot info	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       -6.3         30dBm       -6.3         Uplink DPCH info       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       -6.3         30dBm       -6.3         Uplink DPCH info       -6.3         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1.28 Mcps       1         1 Mot Present       1         1       (256+CFN-(CFN MOD 8 + 8))MOD 256         infinite       Parameter 6 Parameter
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt )      Maximum allowed UL TX power     CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - UL CCTrCH List     - TFCS Id     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       -6.3         30dBm       -6.3         Uplink DPCH info       -6.3         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1 dB       Not Present         TDD       Not Present         1 dB       Not Present         1       (256+CFN-(CFN MOD 8 + 8))MOD 256         infinite       Reference to TS34.108 clause 6 Parameter
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt )      Maximum allowed UL TX power     CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - UL CCTrCH List     - TFCS Id     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       30dBm         Uplink DPCH info       -6.3         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1 dB       Not Present         TDD       Not Present         1       (256+CFN-(CFN MOD 8 + 8))MOD 256         infinite       Reference to TS34.108 clause 6 Parameter
CRC size     DCH quality target     BLER Quality value     Transparent mode signalling info      Frequency info     CHOICE mode     UARFCN (Nt.)      Maximum allowed UL TX power     CHOICE channel requirement     Uplink DPCH power control info     CHOICE mode     UL Target SIR     CHOICE UL OL PC info     CHOICE TDD option     TPC step size     Primary CCPCH Tx Power     CHOICE mode     UL CCTrCH List     TFCS Id     Time info     Activation time     Duration     Common timeslot info     2 <sup>nd</sup> interleaving mode     TFCI coding	A1, A3, A4	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       30dBm         Uplink DPCH info       -6.3         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1 dB       Not Present         TDD       Not Present         1       (256+CFN-(CFN MOD 8 + 8))MOD 256         infinite       Reference to TS34.108 clause 6 Parameter         Set.       Reference to TS34.108 clause 6 Parameter
CRC size     DCH quality target     BLER Quality value     Transparent mode signalling info     Frequency info     CHOICE mode     UARFCN (Nt)     Maximum allowed UL TX power     CHOICE channel requirement     Uplink DPCH power control info     CHOICE mode     UL Target SIR     CHOICE UL OL PC info     CHOICE TDD option     TPC step size     Primary CCPCH Tx Power     CHOICE mode     Uplink Timing Advance Control     UL CCTrCH List     TFCS Id     Time info     Activation time     Duration     Common timeslot info     CFCI coding	A1, A3, A4	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present         TDD       Reference to TS34.108 clause 6 Parameter         Set       30dBm         Uplink DPCH info         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1 dB       Not Present         TDD       Not Present         1       (256+CFN-(CFN MOD 8 + 8))MOD 256         infinite       Reference to TS34.108 clause 6 Parameter         Set.       Reference to TS34.108 clause 6 Parameter
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power     CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - UL CCTrCH List     - TFCS Id     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present         TDD         Reference to TS34.108 clause 6 Parameter         Set         30dBm         Uplink DPCH info         TDD         Reference to TS34.108 Parameter set.         Individually signalled         1.28 Mcps         1 dB         Not Present         TDD         Not Present         1         (256+CFN-(CFN MOD 8 + 8))MOD 256         infinite         Reference to TS34.108 clause 6 Parameter         Set.         Reference to TS34.108 clause 6 Parameter         Set.         Reference to TS34.108 clause 6 Parameter
CRC size      DCH quality target     BLER Quality value     Transparent mode signalling info      Frequency info     CHOICE mode     UARFCN (Nt.)      Maximum allowed UL TX power      CHOICE channel requirement     Uplink DPCH power control info     CHOICE mode     UL Target SIR     CHOICE UL OL PC info     CHOICE UL OL PC info     CHOICE TDD option     TPC step size     Primary CCPCH Tx Power      CHOICE mode     UL CCTrCH List     TFCS Id     Time info     Activation time     Duration     Common timeslot info     2 <sup>nd</sup> interleaving mode     TFCI coding     Puncturing Limit	A1, A3, A4	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       -6.3         30dBm       -6.3         Uplink DPCH info       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       -6.3         30dBm       -6.3         Uplink DPCH info       -6.3         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1.28 Mcps       1         1.28 Mcps       1         1.28 Mcps       1         1 dB       Not Present         TDD       Not Present         1       (256+CFN-(CFN MOD 8 + 8))MOD 256         infinite       Reference to TS34.108 clause 6 Parameter         Set.       Reference to TS34.108 clause 6 Parameter         Set.       Reference to TS34.108 clause 6 Parameter
	<u>A1. A3, A4</u>	Reference to TS34.108 clause 6 Parameter         Set       -6.3         Not Present       -6.3         TDD       Reference to TS34.108 clause 6 Parameter         Set       -6.3         30dBm       Uplink DPCH info         TDD       Reference to TS34.108 Parameter set.         Individually signalled       1.28 Mcps         1 dB       Not Present         TDD       Not Present         1 dB       Not Present         1 dB       Not Present         1 dB       Not Present         1 dB       Not Present         1 generation       Reference to TS34.108 clause 6 Parameter         Set.       Reference to TS34.108 clause 6 Parameter
- CRC size     - DCH quality target     - BLER Quality value     - Transparent mode signalling info      Frequency info     - CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power     CHOICE channel requirement     - Uplink DPCH power control info     - CHOICE mode     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - ULplink Timing Advance Control     - UL CCTrCH List     - TFCS Id     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Primaty Limit     - Repetition Period	<u>A1, A3, A4</u>	Reference to TS34.108 clause 6 Parameter         -6.3       Not Present         TDD       Reference to TS34.108 clause 6 Parameter         Set       30dBm         Uplink DPCH info       TDD         Reference to TS34.108 Parameter set.       Individually signalled         1.28 Mcps       1 dB         Not Present       TDD         Not Present       1         (256+CFN-(CFN MOD 8 + 8))MOD 256       infinite         Reference to TS34.108 clause 6 Parameter       Set.         Reference to TS34.108 clause 6 Parameter       Set.

- Repetition Length		Reference to TS34.108 clause 6 Parameter
		<u>set.</u>
<ul> <li>Uplink DPCH timeslots and code</li> </ul>		
<ul> <li>First individual timeslot info</li> </ul>		
- Timeslot number		The number of an uplink timeslot that has
		unassigned codes.
- TECL existence		TRUE
Midemble obiff and humt ture		TROE
- Midamble shift and burst type		4.00.14
- CHOICE TDD option		<u>1.28 Mcps</u>
- Midamble allocation mode		Default
<ul> <li>Midamble configuration</li> </ul>		<u>16</u>
- CHOICE TDD option		1.28 Mcps TDD
- Modulation		QPSK
- SS-TPC Symbols		1
- First timeslot channelisation codes		Repeated (1.2) for each channelisation code
		assigned in the slot to meet the needs of
		TS24 108 alouge 6 Decemptor Set
		1534.106 clause 6 Parameter Set.
- Channelisation code		(I/SF) where I denotes an unassigned code
		matching the SF specified in TS34.108 clause
		<u>6 Parameter Set.</u>
- CHOICE more timeslots		The presence of this IE depends upon the
		number of resources specified in TS34.108
		section 6 and the number of slots in which they
		are being assigned
	4.0	Line Delly assigned.
CHOICE channel requirement	<u>AZ</u>	
- Uplink DPCH power control info		
- CHOICE mode		TDD
<u>- UL Target SIR</u>		Reference to TS34.108 Parameter set.
- CHOICE UL OL PC info		Individually signalled
- CHOICE TDD option		1.28 Mcps
- TPC step size		<u>1 dB</u>
- Primary CCPCH Tx Power		Not Present
- CHOICE mode		
Liplink Timing Advance Central		<u>IDD</u> Not Present
		Not Present
- UL CCTrCH List		
- TFCS Id		1
<u> </u>		
- Activation time		(256+CFN-(CFN MOD 8 + 8))MOD 256
- Duration		infinite
- Common timeslot info		
- 2 <sup>nd</sup> interleaving mode		Reference to TS34 108 section 6 Parameter
		sot
TECI coding		Beforence to TS24 108 section 6 Parameter
		Reference to 1554.100 Section o Parameter
		Set.
- Puncturing Limit		Reference to 1S34.108 section 6 Parameter
		<u>set.</u>
- Repetition Period		Reference to TS34.108 clause 6 Parameter
		set.
- Repetition Length		Reference to TS34.108 clause 6 Parameter
		set.
- Uplink DPCH timeslots and code		
- Eirst individual timeslot info		The number of an unlink timeslot that has
		unessigned endes
Time a distance have		unassigned codes.
- Timeslot number		
- IFCI existence		IRUE
<ul> <li>Midamble shift and burst type</li> </ul>		
- CHOICE TDD option		1.28 Mcps
- Midamble allocation mode		Default
- Midamble configuration		16
- CHOICE TDD option		1.28 Mcps TDD
- Modulation		OPSK
		L Demosted (4.0) for each share list for
- FIRST TIMESIOT CHANNEllSation Codes		<u>Repeated <math>(1,2)</math> for each channelisation code</u>
		assigned in the slot to meet the needs of
		TS34.108 clause 6 Parameter Set.
- Channelisation code		(i/SF) where i denotes an unassigned code
		matching the SF specified in TS34.108 clause
		6 Parameter Set.

- CHOICE more timeslots	I	The presence of this IE depends upon the
		number of resources specified in TS34.108
		section 6 and the number of slots in which they
		are being assigned.
CHOICE Mode		TDD
Downlink information common for all radio links	<u>A1, A2, A3,</u>	
	<u>A4</u>	
- Downlink DPCH into common for all RL		
- Timing indicator		Maintain
- CFN-targetSFN frame offset		Not Present
CHOICE mode		
TPC_step_size		1 dB
- CHOICE mode		
- CHOICE TDD option		1 28 Mcps
- TSTD indicator		TRUE
- Default DPCH offset value		0
Downlink information for each radio link list	A1, A2, A3,	<u> </u>
	A4	
- Downlink information for each radio link		
- CHOICE mode		TDD
- Primary CCPCH info		
- CHOICE mode		TDD
- CHOICE TDD option		<u>1.28 Mcps</u>
- TSTD indicator		TRUE
- Cell parameters ID		<u>0</u>
<u>Block STTD indicator</u>		FALSE
- Downlink DPCH info for each RL		
- CHOICE mode		<u>IDD</u>
- DL CCTrCH List		
<u> </u>		<u> </u>
		$(256 \pm CEN) = (CEN) \mod 8 \pm 8) \mod 256$
- Duration		$\frac{230+61}{10}$
- Common timeslot info		
- 2 <sup>nd</sup> interleaving mode		Reference to TS34,108
- TFCI coding		TRUE
- Puncturing limit		Reference to TS34.108 clause 6 Parameter
		<u>Set</u>
- Repetition period		<u>1</u>
- Repetition length		<u>Empty</u>
- Downlink DPCH timeslots and codes		
- Individual timeslot info		
- Timeslot number		The number of a downlink timeslot that has
TECL evietence		unassigned codes.
- IFUI EXISTENCE		
- CHOICE TDD ontion		1.28 Mcps
- Midamble allocation mode		Default
- Midamble configuration		16
- CHOICE TDD option		1.28 Mcps TDD
- Modulation		QPSK
- SS-TPC Symbols		1
- First timeslot channelisation codes		_
<ul> <li>First channelisation code</li> </ul>		(i/SF) where i is the lowest numbered code
		that is being assigned and SF is specified in
		TS34.108 clause 6 Parameter Set
- Last channelisation code		(j/SF) where j is the highest numbered code
		that is being assigned in the slot.
<u> </u>		Bitmap of the codes that are being assigned in
		The stor.
		the requirements of TS24 409 sloves 0
		Deremeter Set could be met by the codes that
		have been assigned in the first timeslot
- UL CCTrCH TPC List		Not Present
-SCCPCH information for FACH		Not Present
Downlink information for each radio link list	<u>A5, A6</u>	

- Downlink information for each radio link	
- Choice mode	TDD
- Primary CCPCH info	
- CHOICE mode	<u>TDD</u>
- CHOICE TDD option	<u>1.28 Mcps</u>
- TSTD indicator	TRUE
- Cell parameters ID	<u>0</u>
<ul> <li>Block STTD indicator</li> </ul>	TRUE
<ul> <li>Downlink DPCH info for each RL</li> </ul>	Not Present
<ul> <li>SCCPCH information for FACH</li> </ul>	Not Present

	<b>Condition</b>	Explanation
<u>A1</u>		This IE need for "Non speech in CS"
<u>A2</u>		This IE need for "Speech in CS"
A3		This IE need for "Packet to CELL_DCH from CELL_DCH in PS"
A4		This IE need for "Packet to CELL DCH from CELL FACH in PS"
A5		This IE need for "Packet to CELL_FACH from CELL_DCH in PS"
<u>A6</u>		This IE need for "Packet to CELL_FACH from CELL_FACH in PS"

### Contents of RADIO BEARER RECONFIGURATION message: AM or UM

Information Element	Condition	Value/remark
Message Type		
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3
Integrity check info		The presence of this IE is dependent on IXIT
		statements in TS 34.123-2. If integrity
		protection is indicated to be active, this IE is
		present with the values of the sub IEs as
		stated below. Else, this IE and the sub-IEs are
		omitted.
<ul> <li>message authentication code</li> </ul>		SS calculates the value of MAC-I for this
550		message and writes to this IE.
- RRC message sequence number		SS provides the value of this IE, from its
Intervity protoction model info		Internal counter.
Ciphering mode info		Not Present
Activation time		$(256\pm CEN_{+}(CEN_{+}MOD_{+}8))MOD_{+}256$
	$\frac{A1, A2, A3,}{\Delta 4}$	
Activation time	A5 A6	Not Present
New U-RNTI	<u>//0///0</u>	Not Present
New C-RNTI	A1, A2, A3,	Not Present
	A4	
New C-RNTI	A5, A6	'1010 1010 1010 1010'
New DSCH-RNTI	A1, A2, A3.	Not Present
	A4, A5, A6	
RRC State indicator	A1, A2, A3,	CELL_DCH
	A4	
RRC State indicator	A5, A6	CELL FACH
UTRAN DRX cycle length coefficient		Not Present
CN information info		Not Present
URA identity		Not Present
RAB information to reconfigure list		Not Present
RB information to reconfigure list	<u>A1, A2, A3</u>	Not Present
RB information to reconfigure list	<u>A4</u>	
<ul> <li>- RB information to reconfigure</li> </ul>		(UM DCCH for RRC)
- RB identity		<u>1</u>
- PDCP into		Not Present
<u> </u>		Not Present
- RB mapping into		
- Information for each multiplexing option PLC logical chapped mapping indicator		Not Procent
- Number of unlink RLC logical channels		1
- Unlink transport channel type		
- UL Transport channel identity		5
- Logical channel identity		1
- CHOICE RLC size list		ÂII
- MAC logical channel priority		1
- Downlink RLC logical channel info		_
- Number of downlink RLC logical channels		1
<ul> <li>Downlink transport channel type</li> </ul>		DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>		<u>10</u>
<ul> <li>Logical channel identity</li> </ul>		<u>1</u>
<u>- RB stop/continue</u>		Not Present
- RB information to reconfigure		(AM DCCH for RRC)
- RB identity		$\frac{2}{2}$
- PDCP info		Not Present
- CHUICE KLC INTO type		NOT Present
<u>- ND Inapping Inio</u>		
- miormation for each multiplexing option		Not Present
- Number of uplink RLC logical channels		5
- Unlink transport channel type		ĎСН
- UI Transport channel identity		1
- Logical channel identity		$\frac{1}{2}$
- CHOICE RLC size list		Ā
- MAC logical channel priority		2
- Downlink RLC logical channel info		-

<ul> <li>Number of downlink RLC logical channels</li> </ul>		
		1
Downlink transport shannal type		DOU
- Downlink transport channel type		DCH
- DL DCH Transport channel identity		10
- Logical channel identity		<u>2</u>
- RB stop/continue		Not Present
- RB information to reconfigure		(AM DCCH for NAS_D1 High priority)
PR identity		2
- KD lueniny		2
- PDCP info		Not Present
		NUC
<u> </u>		Not Present
PR mapping info		
- Information for each multiplexing option		
DLC is signified the problem of monoing indicator		Net Descent
- RLC logical channel mapping indicator		Not Present
- Number of unlink RLC logical channels		1
- Uplink transport channel type		DCH
LIL Transport channel identity		E
		<u> </u>
- Logical channel identity		3
- <u>CHOICE RLC size list</u>		All
- MAC logical channel priority		3
		<u></u>
<ul> <li>Number of downlink RLC logical channels</li> </ul>		1
Douveliek teore on ext. ch one of the c		DOLL
- Downlink transport channel type	1	
- DL DCH Transport channel identity	1	10
	1	1 <del></del>
<ul> <li>Logical channel identity</li> </ul>	1	3
- PB stop/continuo	1	Not Present
		INULFIESEIIL
- RB information to reconfigure	1	(AM DCCH for NAS_DT Low priority)
- RB identity		4
BDCB info		Not Present
		NOL FIESEIIL
- RLC info		Not Present
<u> </u>		
- Information for each multiplexing option		
- RLC logical channel mapping indicator		Not Present
- Number of uplink RLC logical channels		<u>1</u>
Liplink transport channel type		
- UL Transport channel identity		5
- Logical channel identity		4
CHOICE BLC size list		
- MAC logical channel priority		4
		-
- Downlink RLC logical channel Into		
- Number of downlink RLC logical channels		1
- Downlink transport channel type		DCH
DL DCH Transport shapped identity		10
		<u>10</u>
- Logical channel identity		4
- RB information to reconfigure		(AM DTCH)
- PR identity		
- KD luentity		
- PDCP info		<u>20</u>
		20 Not Present
		ZU Not Present
- CHOICE RLC info type		<u>Not Present</u> Not Present
- CHOICE RLC info type		<u>Not Present</u> Not Present
- CHOICE RLC info type - RB mapping info		ZU Not Present Not Present
- <u>CHOICE RLC info type</u> - <u>RB mapping info</u> - Information for each multiplexing option		<u>Not Present</u> Not Present
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical chapped mapping indicator		<u>Not Present</u> Not Present
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator		<u>Not Present</u> Not Present
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels		<u>Not Present</u> Not Present <u>Not Present</u>
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels		<u>Not Present</u> <u>Not Present</u> <u>Not Present</u>
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type		<u>Not Present</u> <u>Not Present</u> <u>Not Present</u> <u>1</u> <u>DCH</u>
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - III Transport channel identity		<u>Not Present</u> <u>Not Present</u> <u>Not Present</u> <u>1</u> <u>DCH</u> 1
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity		<u>Not Present</u> <u>Not Present</u> <u>1</u> <u>DCH</u> <u>1</u>
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity		ZU Not Present Not Present 1 DCH 1 7
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     CHOICE RLC crize list		<u>Not Present</u> <u>Not Present</u> <u>1</u> <u>DCH</u> <u>1</u> <u>7</u> All
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list		ZU Not Present Not Present 1 DCH 1 Z All
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority		ZU Not Present Not Present 1 DCH 1 7 <u>All</u> 1
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority		ZU Not Present Not Present 1 DCH 1 7 <u>All</u> 1
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info		<u>Not Present</u> <u>Not Present</u> <u>1</u> <u>DCH</u> <u>1</u> <u>7</u> <u>All</u> <u>1</u>
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels		<u>Not Present</u> <u>Not Present</u> <u>1</u> <u>DCH</u> <u>1</u> <u>7</u> <u>All</u> <u>1</u> <u>1</u>
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels		<u>Not Present</u> <u>Not Present</u> <u>1</u> <u>DCH</u> <u>1</u> <u>7</u> <u>All</u> <u>1</u> <u>1</u> <u>1</u>
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channels     - Number of downlink RLC logical channels     - Number of downlink RLC logical channels     - Downlink transport channel type		ZU Not Present Not Present 1 DCH 1 7 All 1 DCH
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DOUL Transport channel type		ZU Not Present Not Present 1 DCH 1 7 All 1 DCH CH
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DCH Transport channel identity		<u>Not Present</u> <u>Not Present</u> <u>1</u> <u>DCH</u> <u>1</u> <u>7</u> <u>All</u> <u>1</u> <u>1</u> <u>DCH</u> <u>6</u>
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DCH Transport channel identity     - Logical channel identity		<u>Not Present</u> <u>Not Present</u> <u>1</u> <u>DCH</u> <u>1</u> <u>7</u> <u>All</u> <u>1</u> <u>DCH</u> <u>6</u> 7
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DCH Transport channel identity     - Logical channel identity		ZU Not Present Not Present 1 DCH 1 7 All 1 DCH 6 7
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DCH Transport channel identity     - Logical channel identity     - RB stop/continue		ZU Not Present Not Present 1 DCH 1 7 All 1 DCH 6 7 Not Present
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channels     - Number of downlink RLC logical channels     - Downlink transport channel type     - UL Transport channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel identity     - Logical channel identity     - RB stop/continue		ZU Not Present Not Present 1 DCH 1 7 All 1 DCH 6 7 Not Present
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DCH Transport channel identity     - Logical channel identity     - RB stop/continue     RB information to reconfigure list	<u>A5.A6</u>	ZU Not Present Not Present 1 DCH 1 7 All 1 1 DCH 6 7 Not Present
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channels     - Number of downlink RLC logical channels     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DCH Transport channel type     - DL DCH Transport channel identity     - RB stop/continue  RB information to reconfigure list     - RB information to reconfigure	<u>A5.A6</u>	ZU         Not Present         Not Present         1         DCH         1         Z         All         1         DCH         6         7         Not Present         (UM DCCH for RBC)
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DCH Transport channel identity     - RB stop/continue     RB information to reconfigure list     - RB information to reconfigure	<u>A5,A6</u>	ZU Not Present Not Present 1 DCH 1 7 All 1 DCH 6 7 Not Present (UM DCCH for RRC)
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DCH Transport channel identity     - Logical channel identity     - RB stop/continue  RB information to reconfigure list     - RB information to reconfigure     - RB identity	<u>A5,A6</u>	ZU       Not Present         Not Present         1         DCH         1         7         All         1
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DCH Transport channel identity     - Logical channel identity     - RB stop/continue     RB information to reconfigure list     - RB information to reconfigure     - RB identity     DDCB info	<u>A5,A6</u>	$\frac{20}{Not Present}$ $\frac{Not Present}{1}$ $\frac{DCH}{1}$ $\frac{1}{7}$ $\frac{AII}{1}$ $\frac{1}{DCH}$ $\frac{1}{0}$ $\frac{DCH}{6}$ $\frac{7}{7}$ $Not Present$ $\frac{(UM DCCH for RRC)}{1}$ $\frac{1}{1}$
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DCH Transport channel identity     - Logical channel identity     - RB stop/continue     RB information to reconfigure list     - RB information to reconfigure     - RB identity     - PDCP info	<u>A5.A6</u>	ZU       Not Present         Not Present         1         DCH         1         7         All         1         Not Present
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channels     - Number of downlink RLC logical channels     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DCH Transport channel identity     - Logical channel identity     - RB stop/continue      RB information to reconfigure list     - RB information to reconfigure     - RB identity     - CHOICE RLC info type	<u>A5.A6</u>	ZU       Not Present         Not Present         1         DCH         1         7         All         1         Not Present         Not Present
<ul> <li>- CHOICE RLC info type</li> <li>- RB mapping info</li> <li>- Information for each multiplexing option</li> <li>- RLC logical channel mapping indicator</li> <li>- Number of uplink RLC logical channels</li> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> <li>- Logical channel identity</li> <li>- CHOICE RLC size list</li> <li>- MAC logical channel priority</li> <li>- Downlink RLC logical channel signal</li> <li>- Number of downlink RLC logical channels</li> <li>- Number of downlink RLC logical channels</li> <li>- Downlink transport channel type</li> <li>- DL DCH Transport channel identity</li> <li>- Logical channel identity</li> <li>- RB stop/continue</li> <li>RB information to reconfigure list</li> <li>- RB information to reconfigure</li> <li>- RB identity</li> <li>- PDCP info</li> <li>- CHOICE RLC info type</li> </ul>	<u>A5.A6</u>	ZU       Not Present         Not Present         1         DCH         1         7         All         1         DCH         7         All         1         DCH         6         7         Not Present         (UM DCCH for RRC)         1         Not Present         Not Present
<ul> <li>- CHOICE RLC info type</li> <li>- RB mapping info</li> <li>- Information for each multiplexing option</li> <li>- RLC logical channel mapping indicator</li> <li>- Number of uplink RLC logical channels</li> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> <li>- Logical channel identity</li> <li>- CHOICE RLC size list</li> <li>- MAC logical channel priority</li> <li>- Downlink RLC logical channel info</li> <li>- Number of downlink RLC logical channels</li> <li>- Downlink transport channel identity</li> <li>- Downlink transport channel type</li> <li>- DL DCH Transport channel identity</li> <li>- Logical channel identity</li> <li>- RB stop/continue</li> <li>RB information to reconfigure list</li> <li>- RB information to reconfigure</li> <li>- RB identity</li> <li>- PDCP info</li> <li>- CHOICE RLC info type</li> <li>- RB mapping info</li> </ul>	<u>A5,A6</u>	ZU       Not Present         Not Present         1         DCH         1         7         All         1         Not Present         Not Present         Not Present
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channels     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DCH Transport channel identity     - Logical channel identity     - RB stop/continue  RB information to reconfigure list     - RB information to reconfigure	<u>A5,A6</u>	ZU       Not Present         Not Present         1         DCH         1         7         All         1         DCH         6         7         Not Present         (UM DCCH for RRC)         1         Not Present
- CHOICE RLC info type     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - UL Transport channel identity     - Logical channel identity     - CHOICE RLC size list     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - DL DCH Transport channel identity     - Logical channel identity     - RB stop/continue     RB information to reconfigure list     - RB information to reconfigure     - RB mapping info     - Information for each multiplexing option	<u>A5,A6</u>	ZU       Not Present         Not Present         1         DCH         1         7         All         1         DCH         7         All         1         DCH         6         7         Not Present         (UM DCCH for RRC)         1         Not Present         Not Present

<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
- Unlink transport channel type	BACH
- Logical channel identity	$\frac{1}{2}$
- CHOICE RLC size list	Explicit list
- RLC size index	Reference to TS34.108 clause 6 Parameter
	Set
- MAC logical channel priority	$\frac{1}{2}$
	<u> </u>
- Downlink RLC logical channel info	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	<u>  1</u>
<ul> <li>Downlink transport channel type</li> </ul>	FACH
- Logical channel identity	1
	Not Present
- RB information to reconfigure	(AM DCCH for RRC)
- RB identity	2
- PDCP info	Not Present
- CHOICE RI C info type	Not Present
- RD mapping mio	
<ul> <li>Information for each multiplexing option</li> </ul>	
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
- Unlink transport channel type	RACH
- CHOICE RLC size list	Explicit List
- RLC size index	Reference to TS34.108 clause 6 Parameter
	Set
- MAC logical channel priority	3
Downlink PLC logical channel info	<u> </u>
- Number of downlink RLC logical channels	1
<ul> <li>Downlink transport channel type</li> </ul>	FACH
- Logical channel identity	2
- RB stop/continue	Not Present
	(AM DCCH for NAS, DT High priority)
- RB Information to reconligure	
- RB identity	<u>3</u>
- PDCP info	Not Present
- CHOICE RI C info type	Not Present
- RB mapping info	
Information for each multiplaying antion	
- momation for each multiplexing option	
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
- Uplink transport channel type	RACH
- Logical channel identity	3
	Second Se
- RLC size index	Reference to 1534.108 clause 6 Parameter
	<u>Set</u>
<ul> <li>MAC logical channel priority</li> </ul>	4
- Downlink RLC logical channel info	
- Number of downlink RLC logical channels	1
Downlink tropport channel type	
- Downlink transport channel type	
- Logical channel identity	<u>3</u>
- RB stop/continue	Not Present
- RB information to reconfigure	(AM DCCH for NAS DT Low priority)
- RR identity	
	L
	<u>Not Present</u>
- CHOICE RLC info type	Not Present
<ul> <li>- RB mapping info</li> </ul>	
<ul> <li>Information for each multiplexing option</li> </ul>	
- RI C logical channel manning indicator	Not Present
Number of uplink DLC legical shapped	4
- Uplink transport channel type	<u>RACH</u>
<ul> <li>Logical channel identity</li> </ul>	4
- CHOICE RLC size list	Explicit list
- RLC size index	Reference to TS34 108 clause 6 Parameter
	Sot
- MAC logical channel priority	<u>5</u>
<ul> <li>Downlink RLC logical channel info</li> </ul>	
- Number of downlink RLC logical channels	1
- Downlink transport channel type	FACH
- Logical channel identity	

- RB stop/continue		Not Present
- RB information to reconfigure		(AM DTCH)
- RB identity		20
- PDCP info		Not Present
- CHOICE RLC info type		Not Present
- RB mapping info		
- Information for each multiplexing option		
- RLC logical channel mapping indicator		Not Present
- Number of uplink RLC logical channels		1
- Unlink transport channel type		RACH
- Logical channel identity		7
- CHOICE RLC size list		Éxplicit list
- RLC size index		Reference to TS34 108 clause 6 Parameter
		Set
- MAC logical channel priority		6
- Downlink RLC logical channel info		<u>v</u>
Number of downlink PLC logical channels		1
- Number of downlink RLC logical channels		
- Downlink transport channel type		
- Logical channel identity		<u>o</u> Nat Brazent
- RB stop/continue		(TM DOOLL (TT DDO)
- RB Information to reconfigure		
- RB identity		<u>5</u>
<u>- PDCP info</u>		Not Present
- CHOICE RLC info type		<u>RLC info</u>
- CHOICE Uplink RLC mode		Not Present
<ul> <li>CHOICE Downlink RLC mode</li> </ul>		TM RLC
<ul> <li>Segmentation Indication</li> </ul>		TRUE
<ul> <li>- RB mapping info</li> </ul>		
<ul> <li>Information for each multiplexing option</li> </ul>		
<ul> <li>Downlink RLC logical channel info</li> </ul>		
<ul> <li>Number of downlink RLC logical channels</li> </ul>		1
<ul> <li>Downlink transport channel type</li> </ul>		FACH
- Logical channel identity		<u>5</u>
- RB stop/continue		Not Present
- RB information to reconfigure		(TM PCCH for RRC)
- RB identity		7
- PDCP info		Not Present
- CHOICE RLC info type		RLC info
- CHOICE Uplink RLC mode		Not Present
- CHOICE Downlink RLC mode		TM RLC
- Segmentation Indication		TRUE
- RB mapping info		
- Information for each multiplexing option		
- Downlink RI C logical channel info		
- Number of downlink RI C logical channels		1
- Downlink transport channel type		PCH
- Logical channel identity		1
- PB stop/continue		L Not Present
PR information to be affected		(UM DCCH for PPC)
RB identity	<u>A1, A2, A3</u>	
		<u> </u>
- RD mapping into		
- Information for each multiplexing option		Not Droppet
- RLC logical channel mapping indicator		Not Present
- Number of uplink RLC logical channels		
- Uplink transport channel type		DCH
- UL Transport channel identity		5
- Logical channel identity		$\frac{1}{2}$
- CHOICE RLC size list		All
- MAC logical channel priority		$\frac{1}{1}$
<ul> <li>Number of downlink RLC logical channels</li> </ul>		<u>1</u>
<ul> <li>Downlink transport channel type</li> </ul>		DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>		<u>10</u>
<ul> <li>Logical channel identity</li> </ul>		1
RB information to be affected	A1, A2, A3	(AM DCCH for RRC)
- RB identity		2
- RB mapping info		
- Information for each multiplexing option		
- RLC logical channel mapping indicator		Not Present

- Number of uplink RLC logical channels		1
		- Dou
- Uplink transport channel type		DCH
- LIL Transport channel identity		5
		<u>v</u>
- Logical channel identity		2
CHOICE BLC size list		<u>Au</u>
- MAC logical channel priority		2
Downlink DLC legical shannel info		-
- Downlink RLC logical channel into		
- Number of downlink RLC logical channels		10
- Downlink transport channel type		DCH
DI DCH Transport channel identity		4
		<u> </u>
<ul> <li>Logical channel identity</li> </ul>		2
	A4 A0 A0	
RB information to be affected	<u>A1, A2, A3</u>	(AIVI DUCH for NAS_DT High priority)
- RR identity		3
- TO identity		2
- RB mapping info		
Information for each multiplaying option		
<ul> <li>RLC logical channel mapping indicator</li> </ul>		Not Present
		4
- Number of uplink RLC logical channels		<u>1</u>
- Unlink transport channel type		DCH
- UL Transport channel identity		5
- Logical channel identity		3
		<u> </u>
- CHOICE RLC size list		All
MAC logical sharped priority		2
- IVIAC logical channel priority		<u></u>
- Downlink RLC logical channel info		
<ul> <li><u>- Number of downlink RLC logical channels</u></li> </ul>		<u>  1</u>
- Downlink transport channel type		ЛСН
- Downlink transport charmentype		
- DL DCH Transport channel identity		10
<u>BEBON Nanopole on an interaction</u>		
- Logical channel identity		3
PB information to be affected		(AM DCCH for NAS_DT Low priority)
TO information to be affected	$n_1, n_2, n_3$	
- RB identity		4
DD monsing info		-
- RB mapping into		
<ul> <li>Information for each multiplexing option</li> </ul>		
- RLC logical channel mapping indicator		Not Present
Number of uplink PLC logical channels		1
		<u> </u>
- Uplink transport channel type		DCH
- UL Transport channel identity		<u>5</u>
- Logical channel identity		Λ
Logical charmer identity		<u> 프</u>
- CHOICE RLC size list		All
MAC legical shapped priority		4
		4
- Downlink RLC logical channel info		
- Number of downlink RLC logical channels		<u>1</u>
<ul> <li>Downlink transport channel type</li> </ul>		DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>		10
		$\overline{\Lambda}$
		4
RB information to be affected	A1, A2, A3	(TM DTCH)
DD identifier	<u> </u>	40
- KB Identity		<u>10</u>
- RB manning info		
<ul> <li>Information for each multiplexing option</li> </ul>		
- RLC logical channel manning indicator		Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>		1
Liplink transport channel type		DCH
- UL Transport channel identity		1
		7
- Logical channel identity		<u> </u>
- CHOICE RI C size list		All
- MAC logical channel priority		<u>1</u>
- Downlink RLC logical channel info		
<ul> <li>Number of downlink RLC logical channels</li> </ul>		1
Downlink transport shannel time		DCH
- Downlink transport channel type		
- DL DCH Transport channel identity		6
- Logical channel identity		<u>/</u>
RB information to be affected	۸2	
	<u> 74</u>	
- RB identity		11
DD monster info		—
- KB mapping into		
<ul> <li>Information for each multiplexing option</li> </ul>		
		Net Descent
<ul> <li>- RLC logical channel mapping indicator</li> </ul>		Not Present
- Number of uplink PLC logical channels		1
		±
<ul> <li>Uplink transport channel type</li> </ul>		DCH
LIL Transport shannel identify		
- UL Transport channel identity		<u>∠</u>
	1	8

- CHOICE RLC size list		
		All
MAC logical channel priority		4
- IVIAC logical channel priority		<u> </u>
- Downlink RLC logical channel info		
Number of develop DLO is start shares in		
- Number of downlink RLC logical channels		1
- Downlink transport channel type		DCH
- DL DCH Transport channel identity		<u>/</u>
- Logical channel identity		8
		<u>v</u>
RB information to be affected	A2	(This IE is needed for 12.2 kbps and 10.2
		kbpc)
		<u>KUPS</u>
- RB identity		12
DD monster info		
- RB mapping into		
<ul> <li>Information for each multiplexing option</li> </ul>		
- RLC logical channel mapping indicator		Not Present
- Number of unlink RLC logical channels		1
- Uplink transport channel type		DCH
- III. Transport channel identity		3
		2
- Logical channel identity		9
		All
- MAC logical channel priority		1
Downlink PLC logical channel info		-
	1	
<ul> <li>Number of downlink RLC logical channels</li> </ul>		1
Downlink transport shannel type		
- Downlink transport channel type		
<ul> <li>DL DCH Transport channel identity</li> </ul>		8
- Logical channel identity		<u> </u>
UL Transport channel information for all transport	A1 A2 A3	
	<u>7(1, 7(2, 7(0, 1))</u>	
channels	A4	
- PRACH TFCS		Not Present
CHOICE mode		TDD
<ul> <li>Individual UL CCTrCH information</li> </ul>		
TECCID		4
- IFCS ID		1
- Shared channel indicator		FALSE
- UL TFCS		
- CHOICE TECI signalling		Normal
- TECI Field 1 information		
- CHOICE TECS representation		Addition
		<u>Addition</u>
- IFCS addition information		
		Refer to TS3/ 108 clause 6 10 3 /
		INCICI 10 1004.100 Clause 0.10.0.4
- CTFC information		Refer to TS34.108 clause 6.10.3.4 Parameter
		Sof
		<u>Bel</u>
- TFC subset		
CHOICE Subset representation		Allowed transport format combination list
<ul> <li>CHOICE Subset representation</li> </ul>		Allowed transport format combination list
- <u>CHOICE Subset representation</u> - Allowed Transport Format combination list		Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set
- CHOICE Subset representation     - Allowed Transport Format combination list	45.40	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set
- CHOICE Subset representation     - Allowed Transport Format combination list     UL Transport channel information for all transport	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set
- CHOICE Subset representation     - Allowed Transport Format combination list     UL Transport channel information for all transport     channels	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set
- CHOICE Subset representation     - Allowed Transport Format combination list     UL Transport channel information for all transport     channels     PRACH TERM	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set
- CHOICE Subset representation     - Allowed Transport Format combination list     UL Transport channel information for all transport     channels     - PRACH TFCS	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set
- CHOICE Subset representation     - Allowed Transport Format combination list UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TECL signalling	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set
- CHOICE Subset representation     - Allowed Transport Format combination list     UL Transport channel information for all transport     channels     - PRACH TFCS     - CHOICE TFCI signalling     TFOL Field of field	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal
- CHOICE Subset representation     - Allowed Transport Format combination list UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set
- CHOICE Subset representation     - Allowed Transport Format combination list      UL Transport channel information for all transport     channels         - PRACH TFCS         - CHOICE TFCI signalling         - TFCI Field 1 information         - CHOICE TFCS representation         - CHOICE TFCS representation	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition
- CHOICE Subset representation     - Allowed Transport Format combination list UL Transport channel information for all transport channels     - PRACH TECS     - CHOICE TECI signalling     - TECI Field 1 information     - CHOICE TECS representation     - TECS addition information     - CHOICE CTEC Size	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4
- CHOICE Subset representation     - Allowed Transport Format combination list UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter
- CHOICE Subset representation     - Allowed Transport Format combination list UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS signalling     - TFCS addition information     - CHOICE CTFC Size     - CTFC information	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Sot
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS size     - CTFC information	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode	<u>A5. A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE CTFC Size     - CTFC information     - CHOICE mode Individual UIL CCTFCH information	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Net Brocent
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information	<u>A5, A6</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information Deleted UL TrCH information	A5. A6	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present Not Present
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE TFCS size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information Deleted UL TrCH information	<u>A5, A6</u> <u>A1, A2, A3</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present Not Present
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information Deleted UL TrCH information	<u>A5, A6</u> <u>A1, A2, A3</u> <u>A4</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present Not Present
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information Deleted UL TrCH information     - Ulolink transport channel type	<u>A5, A6</u> <u>A1, A2, A3</u> <u>A4</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present Not Present Not Present
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information Deleted UL TrCH information     - Uplink transport channel type	<u>A5, A6</u> <u>A1, A2, A3</u> <u>A4</u>	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present Not Present Not Present
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity	<u>A5, A6</u> <u>A1, A2, A3</u> <u>A4</u>	Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         Normal         Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4         Parameter         Set         TDD         Not Present         Not Present         DCH         15
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information Deleted UL TrCH information     - Uplink transport channel identity Deleted UL TrCH information	<u>A5, A6</u> <u>A1, A2, A3</u> <u>A4</u>	Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         Normal         Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         Not Present         Not Present         OCH         15
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity	A5, A6 A1, A2, A3 A4 A5	Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         Normal         Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         Not Present         DCH         15
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity Deleted UL TrCH information     - Uplink transport channel type     - Uplink transport channel type	<u>A5, A6</u> <u>A1, A2, A3</u> <u>A4</u> <u>A5</u>	Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         Normal         Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         Not Present         DCH         15
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE TFCS size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity	A5, A6 A5, A6 A1, A2, A3 A4 A5	Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         Normal         Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         Not Present         DCH         15
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE TFCS size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity	A5, A6 A1, A2, A3 A4 A5	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present Not Present Not Present DCH 15 DCH 15
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information  Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity	<u>A5, A6</u> <u>A1, A2, A3</u> <u>A4</u> <u>A5</u>	Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         Normal         Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         Not Present         DCH         15         DCH         1         DCH         1         DCH         1         DCH
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE TFCS size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity	A5, A6 A1, A2, A3 A4 A5	Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         Normal         Addition         Refer to TS34.108 clause 6.10.3.4         Not Present         Not Present         DCH         1         DCH         1         DCH         1         DCH         5
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE TFCS representation     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity	A5, A6 A1, A2, A3 A4 A5	Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         Normal         Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         Not Present         DCH         1         DCH         1         DCH         5
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity	<u>A5, A6</u> <u>A1, A2, A3</u> <u>A4</u> <u>A5</u> A1, A2, A3	Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         Normal         Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         Not Present         DCH         1         DCH         1         DCH         5
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE TFCS size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity	A5, A6 A5, A6 A1, A2, A3 A4 A5 A1, A2, A3,	Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         Normal         Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         Not Present         DCH         1         DCH         1         DCH         5
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity     Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity     - Uplink transport channel type     - Transport channel identity	A5, A6 A5, A6 A1, A2, A3 A4 A5 A1, A2, A3, A4	Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         Normal         Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         Not Present         DCH         15         DCH         1         DCH         1         DCH         5
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information  Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity  Added or Reconfigured UL TrCH information     - Uplink transport channel type     - Transport channel identity	A5, A6 A5, A6 A1, A2, A3 A4 A5 A1, A2, A3, A4	Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         Normal         Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         Not Present         DCH         1         DCH         5         DCH         5
- CHOICE Subset representation     - Allowed Transport Format combination list  UL Transport channel information for all transport channels     - PRACH TFCS     - CHOICE TFCI signalling     - TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH information     - Uplink transport channel type     - Transport channel identity     Uplink transport channel type     - Transport channel identity     Added or Reconfigured UL TrCH information     - Uplink transport channel type	A5, A6 A5, A6 A1, A2, A3 A4 A5 A1, A2, A3, A4	Allowed transport format combination list Refer to TS34.108 clause 6 Parameter Set Normal Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present Not Present DCH 15 DCH 5 DCH 5

- TES		
- CHOICE Transport channel type		Dedicated transport channels
<ul> <li>Dynamic Transport format information</li> </ul>		(This IE is repeated for TFI number)
- RLC Size		Reference to TS34.108 clause 6 Parameter
		Sot
Number of TDe and TTU liet		<u>Set</u> (This IF is non-seted for TFL symplexe)
- Number of TBs and TTT List		(This IE is repeated for TFT number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Peterence to TS34 108 clause 6 Parameter
		Reference to 1334.100 clause o Farameter
		Set
- CHOICE Logical Channel list		ALL
- Semi-static Transport Format information		
- Transmission time interval		Reference to 1S34.108 clause 6 Parameter
		Set
- Type of channel coding		Reference to TS34 108 clause 6 Parameter
- Type of channel county		Reference to 1004.100 clause of alameter
		Set
- Coding Rate		Reference to TS34.108 clause 6 Parameter
		Pot
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6 Parameter
		Set
		Deference to TC24 400 eleves 0 Decementar
- CRC SIZE		Reference to 1534.108 clause 6 Parameter
		Set
Added or Reconfigured LIL TrCH information	Δ4	
	<u></u>	DOLL
- Uplink transport channel type		
- UL Transport channel identity		1
- TES		-
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		(This IE is repeated for TFI number)
		Deference to TC24 400 eleves C Deremeter
- RLC Size		Reference to 1S34.108 clause 6 Parameter
		Set
- Number of TBs and TTLList		(This IE is repeated for TEL number.)
- Iransmission Time Interval		Not Present
<ul> <li>Number of Transport blocks</li> </ul>		Reference to TS34.108 clause 6 Parameter
		Pot
		<u>Set</u>
<ul> <li>CHOICE Logical Channel list</li> </ul>		ALL
- Semi-static Transport Format information		
- Transmission time interval		Reference to 1534.108 clause 6 Parameter
		Set
- Type of channel coding		Reference to TS3/ 108 clause 6 Parameter
		Set
- Coding Rate		Reference to TS34.108 clause 6 Parameter
		Pot
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6 Parameter
		Set
000		
- CRU size		Reference to 1534.108 clause 6 Parameter
		Set
DL Transport channel information common for all	Δ1 Δ3	
	<u>, , , , , , , , , , , , , , , , , , , </u>	
transport channel		
- SCCPCH TFCS		Not Present
- CHOICE mode		
- Individual DL CC IrCH information		
- DL TECS Identity		
		1
		±
- Shared Channel Indicator		FALSE
- CHOICE DL parameters		Independent
- CHOICE TFCI signalling		Normal
- TECL Field 1 Information		
		A statitions
- UTULE IFUI representation		Addition
<ul> <li>TFCS addition information</li> </ul>		
- CHOICE CTEC size		Refer to TS34 108 clause 6 10 3 4
- CIFC information		Keter to 1534.108 clause 6.10.3.4 Parameter
		Set
DL Transport channel information common for all		
DE mansport channel information common for all	<u>MZ, M4</u>	
transport channel		
- SCCPCH TECS		Not Present
		עטו
<ul> <li>Individual DL CCTrCH information</li> </ul>		
- DL TECS Identity		
	1	

- TFCS ID		1
Sharod Channel Indicator		
		IALOL
- CHOICE DL parameters		Independent
- DL TECS		
		Normal
		Normal
- TFCI Field 1 Information		
- CHOICE TECI representation		Addition
		<u>Addition</u>
- TECS addition information		
- CHOICE CTFC size		Refer to TS34.108 clause 6.10.3.4
OTEC information		Defer to TC24 100 cloures C 10.2.4 Decemptor
		Refer to 1554.100 Clause 0.10.5.4 Parameter
		Set
DL Transport channel information common for all	A5 A6	
	710, 710	
transport channel		
- SCCPCH TECS		(This IF is repeated for TEC number)
		Normal
		Normal
- TFCI Field 1 information		
- CHOICE TECS representation		Addition
		<u>Addition</u>
- TECS addition information		
- CHOICE CTEC Size		Number of bits used must be enough to cover
		all combinations of CTEC from alouse 6 10.2.4
		all complitations of CTFC from clause 0.10.3.4
- CTFC information		Refer to TS34.108 clause 6.10.3.4 Parameter
		Set
Device off and the state		Net Descent
- Power offset information		INUT Present
- CHOICE mode		TDD
Individual DL CCTrCH information		Not Procent
jDeleted DL TrCH information	A1, A2, A3.	Not Present
	16	
	<u>A0</u>	
Deleted DL TrCH information	<u>A4</u>	
<ul> <li>Downlink transport channel type</li> </ul>		DCH
Transport sharped identity		40
- Transport channel identity		<u>12</u>
<ul> <li>Downlink transport channel type</li> </ul>		DCH
- Transport channel identity		13
		10
<ul> <li>Downlink transport channel type</li> </ul>		DCH
- Transport channel identity		14
	٨٢	
Deleted DL ITCH Information		
	<u>A0</u>	
- Downlink transport channel type	<u>A3</u>	DCH
- Downlink transport channel type	<u>A5</u>	DCH
- Downlink transport channel type     - Transport channel identity	<u>A3</u>	DCH 6
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type	<u> </u>	DCH 6 DCH
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity	AS	DCH 6 DCH 10
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity	<u>A1</u>	DCH 6 DCH 10
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity     Added or Reconfigured DL TrCH information	<u>A1</u>	DCH 6 DCH 10
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity     Added or Reconfigured DL TrCH information     - Downlink transport channel type	<u>A1</u>	DCH 6 DCH 10 DCH
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity	<u>A1</u>	DCH <u>6</u> DCH 10 DCH 10
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity	<u>A1</u>	DCH 6 DCH 10 DCH 10
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters	<u>A1</u>	DCH 6 DCH 10 DCH 10 Same as UL
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity      Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type	<u>A1</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type     - III TrCH Identity	<u>A1</u>	DCH <u>6</u> DCH 10 DCH 10 Same as UL DCH 5
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type     - UL TrCH Identity	<u>A1</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH 5
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type     - UL TrCH Identity     - DCH quality target	<u>A1</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH 5
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity      Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type     - UL TrCH Identity     - DCH quality target     - BLER Quality value	<u>A1</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH 5 -6.3
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity      Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type     - UL TrCH Identity     - DCH quality target     - BLER Quality value     - Transport parameters	<u>A1</u>	$\frac{DCH}{6}$ $\frac{DCH}{10}$ $\frac{DCH}{10}$ $\frac{DCH}{5}$ $\frac{-6.3}{10}$ Not Present
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type     - UL TrCH Identity     - DCH quality target     - BLER Quality value     - Transparent mode signalling info	<u>A1</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH 5 -6.3 Not Present
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type     - UL TrCH Identity     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Added or Reconfigured DL TrCH information	<u>A1</u> <u>A2, A3, A4</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH 5 -6.3 Not Present
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity      Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type     - UL TrCH Identity     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Added or Reconfigured DL TrCH information     - Downlink transport channel type	<u>A1</u> <u>A2, A3, A4</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH 5 -6.3 Not Present DCH
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity      Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type     - UL TrCH Identity     - DCH quality target     - BLER Quality value     - Transparent mode signalling info  Added or Reconfigured DL TrCH information     - Downlink transport channel type	<u>A1</u> <u>A2, A3, A4</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH 5 -6.3 Not Present DCH 10
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type     - UL TrCH Identity     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transparent mode signalling info     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transparent channel type     - DL Transport channel identity	<u>A1</u> <u>A2, A3, A4</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH 5 -6.3 Not Present DCH 10 Same as UL DCH 5 -6.3 Not Present
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity      Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type     - UL TrCH Identity     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - UL TrCH Identity     - DCH quality target     - Transparent mode signalling info     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - CHOICE DL parameters	<u>A1</u> <u>A2, A3, A4</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH 5 -6.3 Not Present DCH 10 Independent
Ownlink transport channel type     Transport channel identity     Ownlink transport channel type     Transport channel identity      Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel identity     OUDICE DL parameters     Uplink transport channel type     UL TrCH Identity     OCH quality target     BLER Quality value     Transparent mode signalling info     Added or Reconfigured DL TrCH information     Ownlink transport channel type     OCH quality target     DCH quality target     DCH quality target     OUDICE DL TrCH information     Ownlink transport channel type     OLTransparent mode signalling info     OUDICE DL parameters     OUDICE DL parameters     OUDICE DL TrCH information     Ownlink transport channel identity     OL TRANSPORT CHANNEL TYPE     OL TRANSPORT CHANNEL IDENTIFY	<u>A1</u> <u>A2, A3, A4</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH 5 -6.3 Not Present DCH 10 DCH 10 DCH 5 -6.3 Not Present
Ownlink transport channel type     Transport channel identity     Ownlink transport channel type     Transport channel identity  Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel identity     CHOICE DL parameters     UL TrCH Identity     OCH quality target     BLER Quality value     Transparent mode signalling info  Added or Reconfigured DL TrCH information     Ownlink transport channel type     OUCE DL parameters     Ownlink transport channel type     OCH quality target     DCH quality target     DCH quality target     DCH quality target     OCH quality transport channel type     OUCE DL parameters     OUCE DL TrCH information     Ownlink transport channel type     OL TrCH information     OWNLINK transport channel type     OUCE DL parameters	<u>A1</u> <u>A2, A3, A4</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH 5 -6.3 Not Present DCH 10 DCH 5 -6.3 Not Present
Ownlink transport channel type     Transport channel identity     Ownlink transport channel type     Transport channel identity  Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel identity     CHOICE DL parameters     Ull TrCH Identity     OCH quality target     BLER Quality value     Transparent mode signalling info  Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel type     OLH quality target     OLH quality target     OLH quality target     OLH TrCH Identity     OLH quality target     OLH quality target     OLH quality target     OLH TrCH Identity     OLH QUALITY     OLH QUALITY     OLH TRCH IDENTITY	<u>A1</u> <u>A2, A3, A4</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH 5 -6.3 Not Present DCH 10 DCH 5 -6.3 Not Present DCH 10 Independent Dedicated transport channels
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity      Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type     - UL TrCH Identity     - DCH quality target     - BLER Quality value     - Transport channel identity     - DCH quality target     - BLER Quality value     - Transport channel identity     - CHOICE DL parameters     - UL TrCH Identity     - DCH quality target     - BLER Quality value     - Transport channel identity     - CHOICE DL parameters     - DCH ransport channel identity     - CHOICE DL parameters     - Transport channel identity     - CHOICE DL parameters     - Transport channel identity     - CHOICE Transport channel identity     - CHOICE Transport channel type     - DL Transport channel identity     - CHOICE Transport channel identity     - CHOICE Transport channel identity	<u>A1</u> <u>A2, A3, A4</u>	DCH 6 DCH 10 DCH 10 Same as UL DCH 5 -6.3 Not Present DCH 10 Independent Dedicated transport channels (This IE is repeated for TEL number)
Ownlink transport channel type     Transport channel identity     Ownlink transport channel type     Transport channel identity      Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel identity     OHOICE DL parameters     Uplink transport channel type     UL TrCH Identity     OCH quality target     BLER Quality value     Transparent mode signalling info     Added or Reconfigured DL TrCH information     Ownlink transport channel type     OLT ransport channel type     OLT ransport channel type     Transparent mode signalling info     Added or Reconfigured DL TrCH information     Ownlink transport channel type     OLTransport channel identity     OLT CHOICE DL parameters     OL TrCH Identity     OULTCH Identity     OULTCH IDENTIFY     OULTCH IDEN	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels (This IE is repeated for TFI number)         Performed to TS24 108 clause 6 Decomptor
Ownlink transport channel type     Transport channel identity     Ownlink transport channel type     Transport channel identity      Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel identity     OHOICE DL parameters     Uplink transport channel type     UL TrCH Identity     OCH quality target     BLER Quality value     Transport channel identity     Ownlink transport channel type     Transport channel type     OLH quality target     DL Transport channel identity     OLH quality target     OLH quality transport channel type     Transport channel identity     OLH quality target     OLH quality target     Transport channel type     OLT Transport channel identity     OLH Transport channel type     OL Transport channel identity     OLHOICE DL parameters     TFS     OLTRONCE Transport channel type     OLTRONCE Transport channel type     OLHOICE Type     OLHO	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter
- Downlink transport channel type     - Transport channel identity     - Downlink transport channel type     - Transport channel identity      Added or Reconfigured DL TrCH information     - Downlink transport channel type     - Transport channel identity     - CHOICE DL parameters     - Uplink transport channel type     - UL TrCH Identity     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - UL TrCH Identity     - CHOICE DL parameters     - UL TrCH Identity     - DCH quality target     - BLER Quality value     - Transparent mode signalling info     Added or Reconfigured DL TrCH information     - Downlink transport channel type     - DL Transport channel identity     - CHOICE DL parameters     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter
Ownlink transport channel type     Transport channel identity     Ownlink transport channel type     Transport channel identity  Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel identity     CHOICE DL parameters     Uplink transport channel type     OLH TrCH Identity     OLH quality target     BLER Quality value     Transparent mode signalling info  Added or Reconfigured DL TrCH information     Ownlink transport channel type     OLH TrCH Identity     OLH quality target     BLER Quality value     Transparent mode signalling info  Added or Reconfigured DL TrCH information     Ownlink transport channel identity     CHOICE DL parameters     TrS     CHOICE Transport channel type     Dynamic Transport format information     RLC Size     Number of TBs and TTLL ist	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number)
Ownlink transport channel type     Transport channel identity     Ownlink transport channel type     Transport channel identity      Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel identity     OCHOICE DL parameters     Uplink transport channel type     UL TrCH Identity     OCH quality target     BLER Quality value     Transparent mode signalling info     Added or Reconfigured DL TrCH information     Ownlink transport channel type     OLT ransport channel identity     OCH quality target     DL Transparent mode signalling info     Added or Reconfigured DL TrCH information     Ownlink transport channel type     OL Transport channel identity     OLT ransport channel identity     OL TRANSPORT	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.)         Not Present
Ownlink transport channel type     Transport channel identity     Ownlink transport channel type     Transport channel identity  Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel identity     CHOICE DL parameters     Uplink transport channel type     UL TrCH Identity     OCH quality target     BLER Quality value     Transparent mode signalling info  Added or Reconfigured DL TrCH information     Ownlink transport channel type     OL Transport channel type     Transparent mode signalling info  Added or Reconfigured DL TrCH information     Ownlink transport channel type     OL Transport channel identity     CHOICE DL parameters     Transport channel identity     OL Transport channel type     OL Transport channel identity     CHOICE DL parameters     TFS     CHOICE Transport channel type     OL Transport channel type     OL Transport channel identity     CHOICE Transport channel type     OL Transport ch	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present
Ownlink transport channel type     Transport channel identity     Ownlink transport channel type     Transport channel identity  Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel identity     CHOICE DL parameters     Uplink transport channel type     OLH rrCH Identity     OCH quality target     BLER Quality value     Transport channel identity     OCH quality target     OLH ransport channel identity     OLH quality target     OLH ransport channel identity     OLH guality value     Transparent mode signalling info     Added or Reconfigured DL TrCH information     Ownlink transport channel type     OL TrCH Identity     OLH quality value     Transparent mode signalling info     Added or Reconfigured DL TrCH information     Ownlink transport channel identity     OL CHOICE DL parameters     OL TRANSPORT channel identity     OL TR	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter         Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter
<ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>Downlink transport channel type</li> <li>Transport channel identity</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>CHOICE DL parameters</li> <li>Uplink transport channel type</li> <li>UL TrCH Identity</li> <li>DCH quality target</li> <li>BLER Quality value</li> <li>Transport channel identity</li> <li>CHOICE DL parameters</li> <li>UDEH quality target</li> <li>BLER Quality value</li> <li>Transparent mode signalling info</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>Downlink transport channel type</li> <li>DL Transport channel identity</li> <li>CHOICE DL parameters</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport channel type</li> <li>Poynamic Transport format information</li> <li>RLC Size</li> <li>Number of TBs and TTI List</li> <li>Transmission Time Interval</li> <li>Number of Transport blocks</li> </ul>	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter
Ownlink transport channel type     Transport channel identity     Ownlink transport channel type     Transport channel identity  Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel identity     CHOICE DL parameters     Uplink transport channel type     UL TrCH Identity     DCH quality target     BLER Quality value     Transparent mode signalling info  Added or Reconfigured DL TrCH information     Downlink transport channel type     OUL TrCH Identity     DCH quality target     BLER Quality value     Transparent mode signalling info  Added or Reconfigured DL TrCH information     Downlink transport channel type     OL Transport channel identity     CHOICE DL parameters     TFS     CHOICE Transport channel type     DL Transport channel identity     CHOICE Transport channel type     OL TrCH Identity     CHOICE Transport channel type     OL TrCH Identity     CHOICE Transport channel type     OL Transport channel identity     CHOICE Transport channel type     OL Transport channel type     OL Transport channel identity     OULOUE Transport channel type     OULOUE Tran	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set
Ownlink transport channel type     Transport channel identity     Ownlink transport channel type     Transport channel identity      Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel identity     OUDICE DL parameters     Uplink transport channel type     OL TrCH Identity     OCH quality target     OLH quality target     OLH quality value     Transparent mode signalling info     Added or Reconfigured DL TrCH information     Ownlink transport channel type     OLH quality target     OLH quality	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set         ALL
Ownlink transport channel type     Transport channel identity     Ownlink transport channel type     Transport channel identity  Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel identity     CHOICE DL parameters     Uplink transport channel type     OLH TrCH Identity     OCH quality target     BLER Quality value     Transparent mode signalling info  Added or Reconfigured DL TrCH information     Ownlink transport channel type     OLH TrCH Identity     OCH quality target     BLER Quality value     Transparent mode signalling info  Added or Reconfigured DL TrCH information     Ownlink transport channel type     OL Transport channel identity     CHOICE DL parameters     Transport channel identity     CHOICE DL parameters     TFS     CHOICE Transport channel type     Dynamic Transport channel type     Dynamic Transport format information     RLC Size     Number of TBs and TTI List     Transmission Time Interval     Number of Transport blocks     CHOICE Logical Channel list     Semi-static Transport Format information	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set         ALL
Ownlink transport channel type     Transport channel identity     Ownlink transport channel type     Transport channel identity  Added or Reconfigured DL TrCH information     Ownlink transport channel type     Transport channel identity     CHOICE DL parameters     Uplink transport channel type     UL TrCH Identity     OCH quality target     BLER Quality value     Transparent mode signalling info  Added or Reconfigured DL TrCH information     Downlink transport channel type     OLT ransport channel identity     OCH quality target     BLER Quality value     Transparent mode signalling info  Added or Reconfigured DL TrCH information     Downlink transport channel type     OL Transport channel identity     CHOICE DL parameters     TFS     CHOICE Transport channel type     OL Transport channel identity     CHOICE Transport channel type     OL Transport channel identity     CHOICE Transport channel type     OL Transport channel type     OL Transport channel type     OL Transport channel identity     CHOICE Transport channel type     OL Transport channel type     OL Transport channel type     OL Transport channel type     OL Transport channel identity     CHOICE Transport channel type     OUNAMIC Transport format information     ONAMIC Transmission Time Interval     OUNAMIC Transport Format information     Transmission Time interval     OUNAMIC Transport Format information	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter Set (This IE is repeated for TFI number.) Not Present Reference to TS34.108 clause 6 Parameter Set ALL         Deference to TS34.108 clause 6 Parameter
<ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>Downlink transport channel type</li> <li>Transport channel identity</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>CHOICE DL parameters</li> <li>Uplink transport channel type</li> <li>UL TrCH Identity</li> <li>DCH quality target</li> <li>BLER Quality value</li> <li>Transport channel identity</li> <li>Obwnlink transport channel type</li> <li>UL TrCH Identity</li> <li>DCH quality target</li> <li>BLER Quality value</li> <li>Transparent mode signalling info</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>Downlink transport channel type</li> <li>DL Transport channel identity</li> <li>CHOICE DL parameters</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> </ul> Number of TBs and TTI List <ul> <li>Transmission Time Interval</li> <li>Number of Transport blocks</li> </ul>	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter
<ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>Downlink transport channel type</li> <li>Transport channel identity</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>CHOICE DL parameters</li> <li>Uplink transport channel type</li> <li>OCH quality target</li> <li>BLER Quality value</li> <li>Transport channel identity</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>DCH quality target</li> <li>BLER Quality value</li> <li>Transparent mode signalling info</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>Downlink transport channel type</li> <li>DL Transport channel identity</li> </ul> CHOICE DL parameters <ul> <li>TFS</li> <li>CHOICE DL parameters</li> <li>TFS</li> <li>CHOICE Transport channel identity</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> </ul> Number of TBs and TTI List <ul> <li>Transmission Time Interval</li> <li>Number of Transport blocks</li> <li>CHOICE Logical Channel list</li> <li>Semi-static Transport Format information</li> </ul>	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set         Reference to TS34.108 clause 6 Parameter         Set
<ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>Downlink transport channel type</li> <li>Transport channel identity</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>CHOICE DL parameters</li> <li>Uplink transport channel type</li> <li>UL TrCH Identity</li> <li>DCH quality target</li> <li>BLER Quality value</li> <li>Transport channel identity</li> <li>CHOICE DL parameters</li> <li>UDEH quality target</li> <li>BLER Quality value</li> <li>Transparent mode signalling info</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>Downlink transport channel type</li> <li>DL Transport channel identity</li> <li>CHOICE DL parameters</li> <li>TFS</li> <li>CHOICE DL parameters</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TBs and TTI List</li> <li>Transmission Time Interval</li> <li>Number of Transport blocks</li> <li>CHOICE Logical Channel list</li> <li>Semi-static Transport Format information</li> </ul>	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels (This IE is repeated for TFI number) Reference to TS34.108 clause 6 Parameter         Set (This IE is repeated for TFI number.) Not Present         Reference to TS34.108 clause 6 Parameter         Set ALL         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter
<ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>Downlink transport channel type</li> <li>Transport channel identity</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>CHOICE DL parameters</li> <li>Uplink transport channel type</li> <li>UL TrCH Identity</li> <li>DCH quality target</li> <li>BLER Quality value</li> <li>Transport channel identity</li> <li>OUL TrCH Identity</li> <li>DCH quality target</li> <li>BLER Quality value</li> <li>Transparent mode signalling info</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>Downlink transport channel type</li> <li>DL Transport channel identity</li> <li>CHOICE DL parameters</li> <li>TFS</li> <li>CHOICE DL parameters</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TBs and TTI List</li> <li>Transmission Time Interval</li> <li>Number of Transport Format information</li> <li>Transmission Time Interval</li> <li>Transmission time interval</li> </ul>	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter         Set         ALL
<ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>Downlink transport channel type</li> <li>Transport channel identity</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>CHOICE DL parameters</li> <li>Uplink transport channel type</li> <li>UL TrCH Identity</li> <li>DCH quality target</li> <li>BLER Quality value</li> <li>Transport channel identity</li> <li>DCH quality target</li> <li>BLER Quality value</li> <li>Transport channel identity</li> <li>OLCH quality target</li> <li>BLER Quality value</li> <li>Transport channel identity</li> <li>DCH quality target</li> <li>BLER Quality value</li> <li>Transport channel identity</li> <li>CHOICE DL parameters</li> <li>Transport channel identity</li> <li>CHOICE DL parameters</li> <li>TFS</li> <li>CHOICE DL parameters</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TBs and TTI List</li> <li>Transmission Time Interval</li> <li>Number of Transport blocks</li> <li>CHOICE Logical Channel list</li> <li>Semi-static Transport Format information</li> <li>Transmission time interval</li> <li>Type of channel coding</li> </ul>	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter         Set         Reference to TS34.108 clause 6 Parameter         Set
<ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>Downlink transport channel type</li> <li>Transport channel identity</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>Downlink transport channel type</li> <li>Transport channel identity</li> <li>CHOICE DL parameters</li> <li>Uplink transport channel type</li> <li>UL TrCH Identity</li> <li>DCH quality target</li> <li>BLER Quality value</li> <li>Transport channel identity</li> <li>OCH quality target</li> <li>BLER Quality value</li> <li>Transparent mode signalling info</li> </ul> Added or Reconfigured DL TrCH information <ul> <li>Downlink transport channel type</li> <li>DL Transport channel identity</li> <li>CHOICE DL parameters</li> <li>TFS</li> <li>CHOICE DL parameters</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> </ul> Number of TBs and TTI List <ul> <li>Transmission Time Interval</li> <li>Number of Transport blocks</li> </ul> CHOICE Logical Channel list <ul> <li>Semi-static Transport Format information</li> <li>Transmission time interval</li> <li>Transmission time interval</li> </ul>	<u>A1</u> <u>A2, A3, A4</u>	DCH         6         DCH         10         DCH         10         Same as UL         DCH         5         -6.3         Not Present         DCH         10         Independent         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter         Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter         Set         ALL         Reference to TS34.108 clause 6 Parameter         Set         Reference to TS34.108 clause 6 Parameter         Set         Reference to TS34.108 clause 6 Parameter

		Set
Data matching attribute		Deference to TS24.109 elevies 6 Decemeter
- Rate matching attribute		Reference to 1534.108 clause 6 Parameter
		Set
- CRC size		Reference to TS34.108 clause 6 Parameter
		Set
DCH quality target		
<u>- DCH quality target</u>		
- BLER Quality value		<u>-6.3</u>
- Transparent mode signalling info		Not Present
Eroquonovinfo		
Frequency mild		
- CHOICE mode		TDD
- UARFCN (Nt)		Reference to TS34,108 clause 6
Maximum allowed LIL TX newer		20dPm
CHOICE channel requirement	<u>A1, A2, A3,</u>	Uplink DPCH info
	A4	
Liplink DPCH nower control info		
- CHOICE mode		TDD
- III Target SIP		Reference to TS3/ 108
		<u>Kelelence to 1334.100</u>
- CHOICE UL OL PC into		Individually signalled
- CHOICE TDD option		1.28 Mcps TDD
- TPC step size		1 dB
- Primary CCPCH TX Power		Keierence to 1 534.108
- CHOICE mode		TDD
- Uplink Timing Advance Control		Not Present
- TFCS ID		1
- Time info		
Activation time		(256) CEN (CENmod 8 + 8))MOD256
- Activation time		
- Duration		infinite
<ul> <li>Common timeslot info</li> </ul>		
- 2 <sup>nd</sup> interleaving mode		Reference to TS3/ 108 clause 6 Parameter
		<u>Set.</u>
- TFCI coding		Reference to TS34.108 clause 6 Parameter
		Set
Pupeturing Limit		Poteroneo to TS24 109 elauro 6 Parameter
		Reference to 1554. Too clause o Parameter
		Set
- Repetition Period		1
- Repetition Length		Empty
Lining DOLL (in a state of a state		Empty
- Uplink DPCH timeslots and codes		
<ul> <li>First timeslot information</li> </ul>		
- CHOICE TDD option		1.28 Mcps
Timodot number		The number of an unlink timeslet that has
		The number of an uplink timesiot that has
		unassigned codes.
- TFCI existence		TRUE
- Midamble shift and burst type		
		1.00 Mana
- Midamble Allocation Mode		<u>Default</u>
- Midamble configuration		16
- CHOICE TDD option		1.28 Mcps
- Modulation		<u>UPSK</u>
- SS-TPC Symbols		1
- First timeslot code list		Repeated (1.2) for each channelisation code
		that is assigned in the slat
		that is assigned in the slot.
- Channelisation Code		(i/SF) where i denotes the code that is being
		assigned and SF is specified in TS34.108
		clause 6 Parameter Set
- CHOICE more timeslots		The presence of this IE depends on number of
		resources specified in TS34.108 section 6 and
		whether they are being assigned in more than
		and timeslet
CHOICE channel requirement	<u>A5, A6</u>	Not Present
CHOICE Mode		TDD
Downlink information common for all radia links		
	<u>A1, AZ, A4</u>	
<ul> <li>Downlink DPCH info common for all RL</li> </ul>		
- Timing indicator		Maintain
- CEN-targetSEN frame offset		Not Present
- DOWNIINK DPCH power control information		
-CHOICE mode	1	TDD

	1	1
-TPC Step Size		1
CHOICE mode	1	
- CHOICE TDD option		1.28 Mcps
- TSTD indicator		TRUE
- Default DPCH Offset Value		Not Present
-Downlink information for each radio link	A1 A2 A3	
	<u>/(1, /(2, /(0,</u>	
	<u>A4</u>	
<ul> <li>Downlink information for each radio links</li> </ul>		
		חחד
- Primary CCPCH info		
- CHOICE mode		חחד
		<u>1.28 Mcps</u>
- TSTD indicator		TRUE
- Cell parameters ID		0
		⊻
- Block STTD indicator		FALSE
- Downlink DPCH info for each RL		
CHOICE mode		חחד
- DL CCTrCH List		
- TECS ID		1
- Activation time		(256+CFN-(CFN MOD 8 + 8))MOD 256
- Duration		Infinite
Common timoslot info		
- 2 <sup>m</sup> interleaving mode		Reference to TS34.108
- TECL coding		TRUE
Dur eturie a limit		Deference to TC24.400 eleves C Deremeter
<u>- Puncturing limit</u>		Reference to 1534.108 clause 6 Parameter
		Set
- Repetition period		1
- Repetition length		Empty
<ul> <li>Downlink DPCH timeslots and codes</li> </ul>		
Individual timestat info		
- Timeslot number		The number of a downlink timeslot that has
		unassigned codes
- IFCI existence		IRUE
<ul> <li>Midamble shift and burst type</li> </ul>		
- CHOICE TDD option		1.28 Mons
<ul> <li>Midamble allocation mode</li> </ul>		Default
- Midamble configuration		16
CHOICE TDD option		1 29 Mana TDD
- Modulation		QPSK
- SS-TPC Symbols		1
First timeslet shannelisation codes		
- First timesiot channelisation codes		
- First channelisation code		(i/SF) where i is the lowest numbered code
		assigned within the timeslot and SE is
		accigned within the infoliet and er to
		specified in 1534.108 clause 6 Parameter Set.
<ul> <li>Last channelisation code</li> </ul>		(j/SF) where j is the highest numbered code
		assigned in the timeslot
<u> </u>		Bitmap of the codes assigned in this timeslot.
- CHOICE more timeslots		The presence of this IE depends upon slot
		allocations used in the test
- Secondary CCPCH into		Not Present
- Downlink information for each radio link	A5 A6	
Chaina made	10,10	
- Choice mode		
- Primary CCPCH info		
- CHOICE mode		ם סד
- CHOICE TDD option		T.28 MCps TDD
- TSTD indicator		TRUE
Coll parameters ID		
<ul> <li>Block STTD indicator</li> </ul>		TRUE
- Downlink DPCH info for each RI		Not present
		Netweet
- SUCPCH Information for FACH	1	INOT present

Condition	Explanation		
<u>A1</u>	This IE need for "Non speech in CS"		
A2	This IE need for "Speech in CS"		
A3	This IE need for "Packet to CELL_DCH from CELL_DCH in PS"		
Ā4	This IE need for "Packet to CELL_DCH from CELL_FACH in PS"		
A5	This IE need for "Packet to CELL FACH from CELL DCH in PS"		
A6	This IE need for "Packet to CELL FACH from CELL FACH in PS"		
Contents of RADIO BEARER RECONFIGURATION COMPLETE message: AM			
Informa	ation Element	Value/remark	
Message Type RRC transaction identifie	er Checked to see if the value is identical to the same IE in the downlink RADIO BEARER RECONFIGURATION COMPLETE message The presence of this IE is dependent on IXIT statement in TS 34.123-2. If integrity protection is indicated to be		
Integrity check info		<u>COMPLETE message</u> The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be	
Integrity check info		COMPLETE message The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent.	
Integrity check info	ion code	COMPLETE message The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent. This IE is checked to see if it is present. The value is	
Integrity check info - Message authenticat	ion code ence number	COMPLETE message The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent. This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS. This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.	
Integrity check info  - Message authenticat - RRC Message seque Uplink integrity protection	<u>ion code</u> ence number activation info	COMPLETE message The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent. This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS. This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value. Not checked	
Integrity check info - Message authenticat - RRC Message seque Uplink integrity protection CHOICE mode	<u>ion code</u> ence number activation info	COMPLETE messageThe presence of this IE is dependent on IXIT statementsin TS 34.123-2. If integrity protection is indicated to beactive, this IE shall be present with the values of the subIEs as stated below. Else, this IE and the sub-IEs shallbe absent.This IE is checked to see if it is present. The value iscompared against the XMAC-I value computed by SS.This IE is checked to see if it is present. The value isused by SS to compute the XMAC-I value.Not checkedTDD	

- CHOICE TDD option	1.28 Mcps
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM and
	(b) UE is transiting to CELL_DCH state after the
	reconfiguration procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

# Contents of RADIO BEARER RELEASE message: AM or UM (The others of speech in CS)

Information Element	Value/remark
	Valderienank
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	The presence of this IE is dependent on IXIT statements in
	TS 34 123-2. If integrity protection is indicated to be active
	this IF is present with the values of the sub IFs as stated
	below. Else this IE and the sub-IEs are omitted
- message authentication code	SS calculates the value of MAC-I for this message and
	writes to this IF
- RRC message sequence number	SS provides the value of this IE from its internal counter
Integrity protection mode info	Not Present
Ciphering mode info	Not Present
Activation time	(256+CEN-(CEN MOD 8 + 8))MOD 256
New U-RNTI	Not Present
New C-RNTI	Not Present
New DSCH-RNTI	Not Present
RRC State indicator	CELL DCH
UTRAN DRX cycle length coefficient	Not Present
CN information info	Not Present
URA identity	Not Present
RAB information to reconfigure list	Not Present
RB information to release	
- RB identity	10
RB information to be affected	(UM DCCH for RRC)
- RB identity	1
- RB mapping info	-
- Information for each multiplexing option	
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Uplink transport channel type	БСН
- UL Transport channel identity	5
- Logical channel identity	1
- CHOICE RLC size list	ĀII
- MAC logical channel priority	1
- Downlink RLC logical channel info	-
- Number of downlink RLC logical channels	1
- Downlink transport channel type	БСН
- DL DCH Transport channel identity	10
- Logical channel identity	$\overline{1}$
RB information to be affected	(AM DCCH for RRC)
- RB identity	2
- RB mapping info	
<ul> <li>Information for each multiplexing option</li> </ul>	
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
<ul> <li>Uplink transport channel type</li> </ul>	DCH
<ul> <li>UL Transport channel identity</li> </ul>	<u>5</u>
<ul> <li>Logical channel identity</li> </ul>	2
- CHOICE RLC size list	All
<ul> <li>MAC logical channel priority</li> </ul>	2
<ul> <li>Downlink RLC logical channel info</li> </ul>	
- Number of downlink RLC logical channels	$\left \frac{1}{2}\right $
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<u>- DL DCH Transport channel identity</u>	$\frac{10}{10}$
- Logical channel identity	$\frac{2}{2}$
RB information to be affected	(AM DCCH for NAS_D1 High priority)
- KB identity	3
- KB mapping into	
- Information for each multiplexing option	
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	
Oplink transport channel type	
- UL Transport channel identity	
- Logical channel identity	
- CHOICE RLC size list	
- MAC logical channel priority	<u>5</u>

<ul> <li>Downlink RLC logical channel info</li> </ul>	
Number of downlink PLC legical channels	1
	±
<ul> <li>Downlink transport channel type</li> </ul>	DCH
- DL DCH Transport channel identity	10
<u>DE DON Handport offantitu</u>	
- Logical channel identity	<u>3</u>
RB information to be affected	(AM DCCH for NAS DT Low priority)
DD (dentifie)	
<u>- RD Identity</u>	4
- RB mapping info	
Information for each multiploxing option	
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of unlink RLC logical channels	1
- Uplink transport channel type	DCH
- UL Transport channel identity	5
- Logical channel identity	4
- CHOICE RLC size list	All
MAC logical channel priority	$\overline{\Lambda}$
	4
<ul> <li>Downlink RLC logical channel info</li> </ul>	
- Number of downlink RLC logical channels	1
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	10
	4
Downlink counter synchronisation info	Not Present
III Transport channel information for all transport	
OL mansport channel information for all transport	
channels	
	Not Present
- FRACITIFUS	NULFIESEIIL
- CHOICE mode	TDD
- Individual III. CCTrCH information	
<u> </u>	1
- Shared channel indicator	FALSE
	THEOL
<u> </u>	
- CHOICE TECI signalling	Normal
TEOL Field 4 information	<u>Homa</u>
- CHOICE TFCI representation	Addition
TECS addition information	
- CHOICE CTFC Size	Refer to TS34.108 clause 6.10.3.4
- CHOICE CTFC Size	Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set
- CHOICE CTFC Size - CTFC information	Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset	Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation	Refer to TS34.108 clause 6.10.3.4           Refer to TS34.108 clause 6.10.3.4 Parameter Set           Allowed transport format combination list
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation	Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set Allowed transport format combination list
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list     Deleted UL TrCH Information	Allowed transport format combination list         Refer to TS34.108 clause 6.10.3.4
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list     Deleted UL TrCH Information     Transport chapted identity	Allowed transport format combination list         Refer to TS34.108 clause 6.10.3.4         Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list     Deleted UL TrCH Information     - Transport channel identity	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list     Deleted UL TrCH Information     - Transport channel identity     Added or Reconfigured UL TrCH information	Allowed transport format combination list         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list     Deleted UL TrCH Information     - Transport channel identity     Added or Reconfigured UL TrCH information	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SPR for DCCH is changed b
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list     Deleted UL TrCH Information     - Transport channel identity     Added or Reconfigured UL TrCH information	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.).
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list     Deleted UL TrCH Information     - Transport channel identity     Added or Reconfigured UL TrCH information     - Uplink transport channel type	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list     Deleted UL TrCH Information     - Transport channel identity     Added or Reconfigured UL TrCH information     - Uplink transport channel type     - UIL Transport channel identity	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.).         DCH         5
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list     Deleted UL TrCH Information     - Transport channel identity     Added or Reconfigured UL TrCH information     - Uplink transport channel type     - UL Transport channel identity	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list     Deleted UL TrCH Information     - Transport channel identity     Added or Reconfigured UL TrCH information     - Uplink transport channel type     - UL Transport channel identity     - TFS	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type	Allowed transport format combination list         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list     Deleted UL TrCH Information     - Transport channel identity     Added or Reconfigured UL TrCH information     - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     Dumention Transport format information	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IF is repeated for TEL purchas)
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     Number of TBs and TTL List	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Performed to TS34.108 clause 6 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         Al I
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks     - CHOICE Logical Channel list     Somi attric Transport Format information	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks      - CHOICE Logical Channel list     - Semi-static Transport Format information	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks      - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks      - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set         Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport Format information     - Transmission time interval     - Transmission time interval     - Transmission time interval     - Type of channel coding	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks      - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks      - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks      - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set
Orbital Constraints of the second secon	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set
Orbital Constraints of the second secon	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set         Reference to TS34.108 clause 6 Parameter
Orbital Constant State St	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set         Reference to TS34.108 clause 6 Parameter Set
Orbitation     O	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set         Reference to TS34.108 clause 6 Parameter
Orbital Constant State St	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set         Reference to TS34.108 clause 6 Parameter
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks      - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size  CHOICE mode  DL Transport channel information common for all transport channel     - SCCPCH TFCS	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set         Reference to TS34.108 clause 6 Parameter
Orregional content of the second	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set         Reference to TS34.108 clause 6 Parameter
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks      - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size CHOICE mode DL Transport channel information common for all transport channel     - SCCPCH TFCS     - CHOICE mode	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set         Reference to TS34.108 clause 6 Parameter
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list      Deleted UL TrCH Information     - Transport channel identity      Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks      - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size     CHOICE mode     DL Transport channel information common for all     transport channel     - SCCPCH TFCS     - CHOICE mode     - Individual DL CCTrCH information	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set         Reference to TS34.108 clause 6 Parameter
- CHOICE CTFC Size     - CTFC information     - TFC subset     - CHOICE Subset representation     - Allowed Transport Format combination list  Deleted UL TrCH Information     - Transport channel identity  Added or Reconfigured UL TrCH information      - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size     - Number of TBs and TTI List     - Transmission Time Interval     - Number of Transport blocks      - CHOICE Logical Channel list     - Semi-static Transport Format information     - Transmission time interval     - Type of channel coding     - Coding Rate     - Rate matching attribute     - CRC size  CHOICE mode DL Transport channel information common for all transport channel     - SCCPCH TFCS     - CHOICE mode     - Individual DL CCTrCH information     - DL TFCS Identity	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         ALL         Reference to TS34.108 clause 6 Parameter Set         Reference to TS34.108 clause 6 Parameter
Orbitson	Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4         Allowed transport format combination list         Refer to TS34.108 clause 6 Parameter Set         1         If TrCH reconfiguration is executed then this is needed(e.g.         The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter Set         (This IE is repeated for TFI number.)         Not Present         Reference to TS34.108 clause 6 Parameter Set         Reference to

- Shared Channel Indicator	FALSE	
	Independent	
	muepenuem	
- DL TFCS		
- CHOICE TECI signalling	Normal	
TEOL Field 4 Information		
- CHOICE TFCI representation	Addition	
- TECS addition information		
	<u>Refer to 1534.108 clause 6.10.3.4</u>	
- CTFC information	Refer to TS34.108 clause 6.10.3.4 Parameter Set	
Deleted DL TrCH Information		
<ul> <li>Transport channel identity</li> </ul>	<u>6</u>	
Added or Reconfigured DL TrCH information	If TrCH reconfiguration is executed then this is needed(e.g.	
	The rate of CDD for DCCH is shanged )	
	The rate of SRB for DUCH is changed.).	
<ul> <li>Downlink transport channel type</li> </ul>	DCH	
- DL Transport channel identity	10	
	<u>Index and and</u>	
- CHOICE DL parameters	independent	
- TFS		
- CHOICE Transport channel type	Dedicated transport channels	
Directore Transport Gran et information	(This IF is non-set of fan TFI symphere)	
- Dynamic Transport format information	(This IE is repeated for TFT number)	
- RLC Size	Reference to TS34.108 clause 6 Parameter Set	
- Number of TRs and TTLList	(This IE is repeated for TEL number.)	
- I ransmission Time Interval	INOT Present	
<ul> <li>Number of Transport blocks</li> </ul>	Reference to TS34.108 clause 6 Parameter Set	
- CHOICE Logical Channel list	Δ11	
- Semi-static Transport Format Information		
- Transmission time interval	Reference to TS34.108 clause 6 Parameter Set	
Type of channel coding	Poteroneo to TS24 108 clause 6 Parameter Set	
	Reference to 1554.100 clause of Parameter Set	
- Coding Rate	Reference to 1S34.108 clause 6 Parameter Set	
- Rate matching attribute	Reference to TS34.108 clause 6 Parameter Set	
- CRC size	Reference to TS34 108 clause 6 Parameter Set	
- DCH quality target		
- BLER Quality value	<u>-6.3</u>	
<ul> <li>Transparent mode signalling info</li> </ul>	Not Present	
Frequency info		
ETEQUENCY INTO		
<u>CLOICE</u> mode	TDD	
- CHOICE mode	TDD	
<u>- CHOICE mode</u> <u>- UARFCN (Nt)</u>	TDD Reference to TS34.108 clause 6 Parameter Set	
<u>- CHOICE mode</u> <u>- UARFCN (Nt)</u> Maximum allowed UL TX power	TDD Reference to TS34.108 clause 6 Parameter Set	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Unlink DBCH info	TDD Reference to TS34.108 clause 6 Parameter Set 30dBm	
<u>- CHOICE mode</u> <u>- UARFCN (Nt)</u> <u>Maximum allowed UL TX power</u> <u>Uplink DPCH info</u>	TDD Reference to TS34.108 clause 6 Parameter Set 30dBm	
<u>- CHOICE mode</u> <u>- UARFCN (Nt)</u> <u>Maximum allowed UL TX power</u> <u>Uplink DPCH info</u> <u>- CHOICE mode</u>	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD	
<u>- CHOICE mode</u> <u>- UARFCN (Nt)</u> <u>Maximum allowed UL TX power</u> <u>Uplink DPCH info</u> <u>- CHOICE mode</u> <u>- Uplink DPCH power control info</u>	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD	
<u>- CHOICE mode</u> <u>- UARFCN (Nt)</u> <u>Maximum allowed UL TX power</u> <u>Uplink DPCH info</u> <u>- CHOICE mode</u> <u>- Uplink DPCH power control info</u> <u>- UIL Target SIR</u>	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108	
- CHOICE mode     - UARFCN (Nt)     Maximum allowed UL TX power     Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     OLIOICE UL OL DO info	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually aligned by the second	
- CHOICE mode     - UARFCN (Nt)     Maximum allowed UL TX power     Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled	
- CHOICE mode     - UARFCN (Nt)     Maximum allowed UL TX power     Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD	
- CHOICE mode     - UARFCN (Nt)     Maximum allowed UL TX power     Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1	
- CHOICE mode     - UARFCN (Nt)     Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH TX Power	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Peterence to TS34.108	
- CHOICE mode     - UARFCN (Nt)     Maximum allowed UL TX power     Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     CHUCE mode	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD	
- CHOICE mode     - UARFCN (Nt)     Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         Reference to TS34.108         TDD         1         Not Present	
- CHOICE mode     - UARFCN (Nt)     Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         Reference to TS34.108         TDD         1         Net Present	
- CHOICE mode     - UARFCN (Nt)     Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TECS ID	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Not Present         1	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     Time info	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1       Reference to TS34.108         TDD       Not Present         1       1	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         1	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         (256+CFN-(CFN MOD 8 + 8) MOD 256	
- CHOICE mode     - UARFCN (Nt)     Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         Reference to TS34.108         TDD         1         Reference to TS34.108         TDD         1         (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite	
- CHOICE mode     - UARFCN (Nt)     Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslat info	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         Reference to TS34.108         TDD         1         Reference to TS34.108         TDD         1         (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     2 <sup>nd</sup> interloguing mode	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         Not Present         1         (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite         Performance & Decrementer Cet	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TPC interleaving mode     - Control	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1       Reference to TS34.108         TDD       Not Present         1       (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite       Reference to TS34.108 clause 6 Parameter Set .	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1       Reference to TS34.108         TDD       Not Present         1       (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite       Reference to TS34.108 clause 6 Parameter Set .         Reference to TS34.108 clause 6 Parameter Set .	
- CHOICE mode     - UARFCN (Nt)     Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Puncturing Limit	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite         Reference to TS34.108 clause 6 Parameter Set .         Reference to TS34.108 clause 6 Parameter Set .         Reference to TS34.108 clause 6 Parameter Set.         Reference to TS34.108 clause 6 Parameter Set.	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - TFCI coding     - TFCI coding     - Puncturing Limit     - Repetition Period	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite         Reference to TS34.108 clause 6 Parameter Set.	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Puncturing Limit     - Repetition Period	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1       Reference to TS34.108         TDD         1       Reference to TS34.108         TDD         1       (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite         Reference to TS34.108 clause 6 Parameter Set .	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Puncturing Limit     - Repetition Length	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite         Reference to TS34.108 clause 6 Parameter Set.	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Puncturing Limit     - Repetition Length     - Uplink DPCH timeslots and codes	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite         Reference to TS34.108 clause 6 Parameter Set .	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Puncturing Limit     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite         Reference to TS34.108 clause 6 Parameter Set .         Reference to TS34.108 clause 6 Parameter Set.	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Princturing Limit     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1       Reference to TS34.108         TDD         1       Reference to TS34.108         1       (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite         Reference to TS34.108 clause 6 Parameter Set .	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - Time slot information     - CHOICE DE Common timeslot info     - TFCI coding     - Puncturing Limit     - Repetition Length     - Uplink DPCH timeslots and codes     - TFCI coding     - Puncturing Limit     - Repetition Length     - Uplink DPCH timeslot information     - CHOICE TDD option     - TFCI coding     - TFCI codin	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1       (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite         Reference to TS34.108 clause 6 Parameter Set .         To memory and the set of the set	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Puncturing Limit     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - Timeslot number	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite         Reference to TS34.108 clause 6 Parameter Set.         Reference to TS34.108 clause 6 Parameter Set. <td colspas<="" td=""></td>	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Puncturing Limit     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - Timeslot number	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1       Reference to TS34.108         TDD       Not Present         1       (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite       Reference to TS34.108 clause 6 Parameter Set .         Reference to TS34.108 clause 6 Parameter Set .       Reference to TS34.108 clause 6 Parameter Set .         Reference to TS34.108 clause 6 Parameter Set .         Reference to TS34.108 clause 6 Parameter Set .         Reference to TS34.108 clause 6 Parameter Set .         Reference to TS34.108 clause 6 Parameter Set .         Reference to TS34.108 clause 6 Parameter Set .         Reference to TS34.108 clause 6 Parameter Set .         The number of an uplink timeslot that has unassigned codes .	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - TFCI coding     - TFCI coding     - Pringtime Limit     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - Timeslot number     - TIME - TIMESLOT ALL COMPARENT - TIMESLOT ALL COMPARENT     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TIMESLOT ALL COMPARENT     - TIMESLOT ALL COMPARENT     - TIME INFORMATION     - CHOICE TDD option     - TIME INFORMATION     - CHOICE TDD option     - TIMESLOT ALL COMPARENT     - TIMESLOT ALL COMPARENT     - TIME INFORMATION     - CHOICE TDD option     - TIME INFORMATION     - CHOICE TDD option     - TIMESLOT ALL COMPARENT     - TIMESLOT ALL COMPARENT     - TIMESLOT ALL COMPARENT     - TECL existence	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1       Reference to TS34.108         TDD         1       Reference to TS34.108         TDD         1       (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite       Reference to TS34.108 clause 6 Parameter Set .         The number of an uplink timeslot that has unassigned codes.         TRUE	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Puncturing Limit     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - Time slot information     - CHOICE TDD option     - Timeslot number     - TFCI existence     Midomblo shift and burst type	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         Reference to TS34.108         TDD         1         Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite         Reference to TS34.108 clause 6 Parameter Set.         The number of an uplink timeslot that has unassigned codes.         TRUE	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Princturing Limit     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - Time slot not information     - CHOICE TDD option     - Timeslot number     - TFCI existence     - Midamble shift and burst type	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1       Reference to TS34.108         TDD       Not Present         1       (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite       Reference to TS34.108 clause 6 Parameter Set.         Reference to TS34.108 clause 6 Parameter Set.       Reference to TS34.108 clause 6 Parameter Set.         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - CHOICE coding     - Puncturing Limit     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TFCI existence     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1         (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite         Reference to TS34.108 clause 6 Parameter Set .         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>rd</sup> interleaving mode     - TFCI coding     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot infomation     - CHOICE TDD option     - TFCI existence     - TFCI existence     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option     - Midamble Allocation Mode	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1       Reference to TS34.108         TDD       Not Present         1       (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite       Reference to TS34.108 clause 6 Parameter Set .         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default	
- CHOICE mode     - UARFCN (Nt)      Maximum allowed UL TX power      Uplink DPCH info     - CHOICE mode     - Uplink DPCH power control info     - UL Target SIR     - CHOICE UL OL PC info     - CHOICE TDD option     - TPC step size     - Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Puncturing Limit     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TTECI existence     - Midamble shift and burst type     - CHOICE TDD option     - Midamble Allocation Mode     - Midamble Allocation Mode	TDD         Reference to TS34.108 clause 6 Parameter Set         30dBm         TDD         Reference to TS34.108         Individually signalled         1.28 Mcps TDD         1       Reference to TS34.108         TDD         1       Reference to TS34.108         TDD         1       (256+CFN-(CFN MOD 8 + 8) MOD 256         Infinite       Reference to TS34.108 clause 6 Parameter Set.         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         <td colspan="2</td>	

- CHOICE TDD option	1.28 Mcps
	0001
- Modulation	QPSK
CO TOO Ourshala	4
- 22-1 LC 200012	<u> </u>
- First timeslot code list	Repeated (1.2) for each channelisation code that is
	repeated (1,2) for each channelisation code that is
	assigned in the timeslot.
- Channelisation Code	(I/SF) where I denotes an unassigned code and SF is
	specified in TS24.108 clause 6 Decemptor Set
	specified in 1534.108 clause 6 Parameter Set.
- CHOICE more timeslots	The presence of this IE depends on number of resources
	The presence of this in depends of humber of resources
	specified in TS34,108 section 6 and whether they are
	assigned in more than one timeslot.
CHOICE Mada	TDD
Downlink information common for all radio links	
Downink information common for all radio links	
- Downlink DPCH info common for all RL	
- I Iming Indicator	Maintain
CEN targetSEN frame offset	Not Procent
	NOTFIESEII
- Downlink DPCH power control information	
-CHOICE mode	IDD
TDC Stop Size	4
- CHOICE mode	מסד
	100
- CHOICE TDD option	1.28 Mcps
	TDUE
	IKUE
- Default DPCH Offset Value	0
	<u>⊻</u>
Downlink information for each radio link list	
- Downlink information for each radio links	
	TDD
	<u>IDD</u>
- Primary CCPCH info	
- CHOICE mode	IDD
	1.00 Mana
	<u>1.20 MCps</u>
- TSTD indicator	TRUE
- Cell parameters ID	0
Diagle CTTD indiagtor	EALOF
- BIOCK STTD Indicator	FALSE
- Downlink DPCH info for each RI	
CHOICE mode	
- TECS ID	1
<u> </u>	(256+CFN-(CFN MOD 8 + 8))MOD 256
- Duration	Infinite
Duration	minite
- Common timeslot info	
- 2 <sup>nd</sup> Interleaving mode	Reference to TS34 108 clause 6 Parameter Set
	Reference to 1004.100 clause of alameter Set
-TECL coding	Reference to TS34.108 clause 6 Parameter Set
- Puncturing limit	Reference to 1534.108 clause 6 Parameter Set
- Repetition period	1
	<u>+</u>
- Repetition length	Empty
Downlink DPCH timoslate and acdes	
- Individual timeslot info	
- I imesiot number	I ne number of a downlink timeslot that has unassigned
	codes
- TFCI existence	IRUE
Midamble shift and hurst time	
- iviluarible shift and burst type	
- CHOICE TDD option	1.28 Mcps
	D. C. II
- Midamble allocation mode	Detault
- Midamble configuration	16
- CHOICE TDD option	1.28 Mcps TDD
Modulation	ODek
- wodulation	<u>WEON</u>
- SS-TPC Symbols	1
	<u> </u>
<ul> <li>First timeslot channelisation codes</li> </ul>	
	$(1/\Omega\Gamma)$ where i is the lowest numbered successible deals that it
- FIRST Channelisation code	(I/SF) where I is the lowest numbered unused code that is
	assigned in the timeslot and SE is specified in TS34 108
	assigned in the timesion and or is specified in 1004.100
	Parameter Set.
Last shares the tax and	$(1/\Omega \Gamma)$ where the first structure set $(1, 1)$
- Last channelisation code	(I/OF) where I is the highest humbered code that is
	assigned in the timeslot
D'	Die Coloritation Indiana
- Bitmap	Bitmap of codes assigned in the slot.
- CHOICE more timeslote	The presence of this IE depends upon whether the
	The presence of this in depends upoil whether the
	resources specified in the TS34.108 clause 6 Parameter
	Pot require the use of more then are the set
	Set require the use of more than one timeslot.
Secondary CCPCH info	Not Present
A second s Second second se Second second s Second second se	

# Contents of RADIO BEARER RELEASE message: AM or UM (Speech in CS)

Information Element		Value/remark
Message Type	<u>A2, A3, A4,</u>	
	<u>A5, A6, A7,</u>	
	<u>A8</u>	
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3
Integrity check into		The presence of this IE is dependent on IAT
		statements in TS 34.123-2. If integrity
		protection is indicated to be active, this relis
		present with the values of the sub-ics as
		stated
- message authentication code		SS calculates the value of MAC-I for this
		message and writes to this IE.
- RRC message sequence number		SS provides the value of this IE, from its
<u></u>		internal counter.
Integrity protection mode info		Not Present
Ciphering mode info		Not Present
Activation time	<u>A2, A3, A4,</u>	(256+CFN-(CFN MOD 8 + 8))MOD 256
	<u>A7, A8</u>	
Activation time	<u>A5, A6</u>	Not Present
New U-RNTI		Not Present
New C-RNTI	<u>A2, A3, A4</u>	Not Present
New C-RNTI	<u>A5, A6, A7,</u>	<u>'1010 1010 1010 1010'</u>
	<u>A8</u>	
New DSCH-RN11	<u>A2, A3, A4,</u>	Not Present
	<u>A5, A6, A7,</u>	
DDC State indicator		
RRC State Indicator	<u>AZ, A3, A4</u>	
RRC State Indicator	<u>A5, A0, A7,</u> A8	CELL FACH
LITPAN DRX cycle length coefficient	<u>A0</u>	Not Present
CN information info		Not Present
Signalling Connection release indication		Not Present
URA identity		Not Present
RAB information to reconfigure list		Not Present
RB information to release	<u>A2, A7, A8</u>	
- RB identity		<u>10</u>
RB information to release	<u>A2, A8</u>	
- RB identity		<u>11</u>
RB information to release	<u>A2, A8</u>	
- RB identity		12
RB information to release	<u>A3, A4, A5,</u>	
	<u>A6</u>	
- RB identity		20
RB information to release	<u>A4</u>	
<u>- RB Identity</u>	A 4	<u>6</u>
RB Information to release PR identity	<u>A4</u>	7
- KD IUEIIIIIy PP information to be affected		
- RR identity	<u>AZ, AJ, A4</u>	
- RB manning info		<u> </u>
- Information for each multiplexing option		
- RLC logical channel mapping indicator		Not Present
- Number of uplink RLC logical channels		1
- Uplink transport channel type		рсн
- UL Transport channel identity		5
- Logical channel identity		$\overline{1}$
- CHOICE RLC size list		All
- MAC logical channel priority		1
- Downlink RLC logical channel info		
- Number of downlink RLC logical channels		
- Downlink transport channel type		
- DL DCH Transport channel identity		$\frac{10}{4}$
- Logical channel identity	AD AD A4	
- RR identity	<u>Az, Aj, A4</u>	2

	r	1
- RB mapping info		
- Information for each multiplexing option		
<ul> <li>RLC logical channel mapping indicator</li> </ul>		Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>		1
Liplink transport shannal tura		DOLL
- Oplink transport channel type		
- UL Transport channel identity		5
- Logical channel identity		2
		<u> </u>
- CHOICE RLC size list		All
- MAC logical channel priority		2
Develiale DLO legiset et anne tinfe		<b>±</b>
- Downlink RLC logical channel into		
<ul> <li>Number of downlink RLC logical channels</li> </ul>		1
Downlink transport channel type		DOL
- Downlink transport channel type		
<ul> <li>DL DCH Transport channel identity</li> </ul>		10
- Logical channel identity		2
		<u> </u>
RB information to be affected	<u>A2, A3, A4</u>	(AM DCCH for NAS_DT High priority)
- PB identity		3
		2
- RB mapping info		
- Information for each multiplexing option		
<ul> <li>RLC logical channel mapping indicator</li> </ul>		Not Present
- Number of uplink RLC logical channels		1
Linlink transport charged time		ĎCH
- Uplink transport channel type		
<ul> <li>UL Transport channel identity</li> </ul>		5
- Logical channel identity		<u>2</u>
- CHOICE RLC size list		All
- MAC logical channel priority		3
		<b>⊻</b>
<ul> <li>Downlink RLC logical channel info</li> </ul>		
- Number of downlink RLC logical channels		1
		<u>+</u>
<ul> <li>Downlink transport channel type</li> </ul>		DCH
- DL DCH Transport channel identity		10
<u>De Borr Hanoport onamoridonaty</u>		
- Logical channel identity		3
RB information to be affected	A2, A3, A4	(AM DCCH for NAS_DT Low priority)
	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	
<u>- RB identity</u>		<u>4</u>
- RB mapping info		
- Information for each multiplexing option		
<ul> <li>RLC logical channel mapping indicator</li> </ul>		Not Present
- Number of uplink RLC logical channels		1
- Uplink transport channel type		DCH
- UL Transport channel identity		5
- Logical channel identity		<u>4</u>
- CHOICE RLC size list		All
MAC logical channel priority		4
		4
<ul> <li>Downlink RLC logical channel info</li> </ul>		
- Number of downlink RLC logical channels		1
		<u>+</u>
<ul> <li>Downlink transport channel type</li> </ul>		DCH
- DL DCH Transport channel identity		10
<u>BEBOIL Handbolt on a lider the</u>		<u>10</u>
- Logical channel identity		4
RB information to be affected		4
	A5, A6, A7	4 (UM DCCH for RRC)
	<u>A5, A6, A7,</u>	4 (UM DCCH for RRC)
	<u>A5, A6, A7,</u> <u>A8</u>	<u>4</u> (UM DCCH for RRC)
- RB identity	<u>A5, A6, A7,</u> <u>A8</u>	4 (UM DCCH for RRC) 1
- RB identity	<u>A5, A6, A7,</u> <u>A8</u>	4 (UM DCCH for RRC) 1
<u>- RB identity</u> <u>- RB mapping info</u>	<u>A5, A6, A7,</u> <u>A8</u>	4 (UM DCCH for RRC) 1
<u>- RB identity</u> <u>- RB mapping info</u> - Information for each multiplexing option	<u>A5, A6, A7, A8</u>	<u>4</u> (UM DCCH for RRC) 1
- RB identity     - RB mapping info     - Information for each multiplexing option     - BLC logical channel mapping indicator	<u>A5, A6, A7, A8</u>	4 (UM DCCH for RRC) 1 Not Present
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator	<u>A5, A6, A7, A8</u>	4 (UM DCCH for RRC) 1 <u>Not Present</u>
<ul> <li><u>- RB identity</u></li> <li><u>- RB mapping info</u></li> <li><u>- Information for each multiplexing option</u></li> <li><u>- RLC logical channel mapping indicator</u></li> <li><u>- Number of uplink RLC logical channels</u></li> </ul>	<u>A5, A6, A7, A8</u>	4 (UM DCCH for RRC) 1 <u>Not Present</u> 1
- <u>RB identity</u> - <u>RB mapping info</u> - <u>Information for each multiplexing option</u> - <u>RLC logical channel mapping indicator</u> - <u>Number of uplink RLC logical channels</u> - <u>Uplink transport channel type</u>	<u>A5, A6, A7, A8</u>	<u>4</u> (UM DCCH for RRC) <u>1</u> <u>Not Present</u> <u>1</u> RACH
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type	<u>A5, A6, A7, A8</u>	4 (UM DCCH for RRC) 1 <u>Not Present</u> 1 <u>RACH</u>
<ul> <li><u>- RB identity</u></li> <li><u>- RB mapping info</u></li> <li><u>- Information for each multiplexing option</u></li> <li><u>- RLC logical channel mapping indicator</u></li> <li><u>- Number of uplink RLC logical channels</u></li> <li><u>- Uplink transport channel type</u></li> <li><u>- Logical channel identity</u></li> </ul>	<u>A5, A6, A7, A8</u>	4 (UM DCCH for RRC) 1 <u>Not Present</u> 1 <u>RACH</u> 1
<ul> <li><u>- RB identity</u></li> <li><u>- RB mapping info</u></li> <li><u>- Information for each multiplexing option</u></li> <li><u>- RLC logical channel mapping indicator</u></li> <li><u>- Number of uplink RLC logical channels</u></li> <li><u>- Uplink transport channel type</u></li> <li><u>- Logical channel identity</u></li> <li><u>- CHOICE RLC size list</u></li> </ul>	<u>A5, A6, A7, A8</u>	4 (UM DCCH for RRC) 1 <u>Not Present</u> 1 <u>RACH</u> 1 Explicit list
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - PLC size index	<u>A5, A6, A7, A8</u>	4 (UM DCCH for RRC) 1 <u>Not Present</u> 1 <u>RACH</u> 1 <u>Explicit list</u> Peterence to TS24 108 clause 6 Decemptor
<ul> <li><u>- RB identity</u></li> <li><u>- RB mapping info</u></li> <li><u>- Information for each multiplexing option</u></li> <li><u>- RLC logical channel mapping indicator</u></li> <li><u>- Number of uplink RLC logical channels</u></li> <li><u>- Uplink transport channel type</u></li> <li><u>- Logical channel identity</u></li> <li><u>- CHOICE RLC size list</u></li> <li><u>- RLC size index</u></li> </ul>	<u>A5, A6, A7, A8</u>	4 (UM DCCH for RRC) 1 Not Present 1 RACH 1 Explicit list Reference to TS34.108 clause 6 Parameter
- <u>RB identity</u> - <u>RB mapping info</u> - <u>Information for each multiplexing option</u> - <u>RLC logical channel mapping indicator</u> - <u>Number of uplink RLC logical channels</u> - <u>Uplink transport channel type</u> - <u>Logical channel identity</u> - <u>CHOICE RLC size list</u> - <u>RLC size index</u>	<u>A5, A6, A7, A8</u>	4         (UM DCCH for RRC)         1         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority	<u>A5, A6, A7, A8</u>	4         (UM DCCH for RRC)         1         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority	<u>A5, A6, A7, A8</u>	4         (UM DCCH for RRC)         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority     - Downlink RLC logical channel info	<u>A5, A6, A7, A8</u>	4         (UM DCCH for RRC)         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels	<u>A5, A6, A7, A8</u>	4         (UM DCCH for RRC)         1         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2         1
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels	<u>A5, A6, A7, A8</u>	4 (UM DCCH for RRC) 1 <u>Not Present</u> 1 <u>RACH</u> 1 <u>Explicit list</u> <u>Reference to TS34.108 clause 6 Parameter</u> <u>Set</u> 2 1 <u>Lander</u>
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type	<u>A5, A6, A7, A8</u>	4         (UM DCCH for RRC)         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2         1         FACH         1         FACH
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity	<u>A5, A6, A7, A8</u>	4         (UM DCCH for RRC)         1         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2         1         FACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2         1         FACH         1
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity	<u>A5, A6, A7, A8</u>	4         (UM DCCH for RRC)         1         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2         1         FACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2         1         FACH         1
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     - Rumber of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected	<u>A5, A6, A7, A8</u>	4         (UM DCCH for RRC)         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2         1         FACH         1         (AM DCCH for RRC)
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel priority     - Downlink RLC logical channels     - Downlink ransport channel type     - Logical channel identity     RB information to be affected	<u>A5, A6, A7, A8</u>	4         (UM DCCH for RRC)         1         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2         1         FACH         1         (AM DCCH for RRC)
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity	A5, A6, A7, A8 A5, A6, A7, A5, A6, A7, A8	4         (UM DCCH for RRC)         1         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2         1         FACH         1         (AM DCCH for RRC)         2
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity	A5, A6, A7, A8 A5, A6, A7, A5, A6, A7, A8	4         (UM DCCH for RRC)         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2         1         (AM DCCH for RRC)         2
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel priority     - Downlink RLC logical channels     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info	A5, A6, A7, A8 A5, A6, A7, A5, A6, A7, A8	4         (UM DCCH for RRC)         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2         1         (AM DCCH for RRC)         2
- RB identity     - RB mapping info     - Information for each multiplexing option     - RLC logical channel mapping indicator     - Number of uplink RLC logical channels     - Uplink transport channel type     - Logical channel identity     - CHOICE RLC size list     - RLC size index     - MAC logical channel priority     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option	A5, A6, A7, A8 A5, A6, A7, A5, A6, A7, A8	4         (UM DCCH for RRC)         1         1         Not Present         1         RACH         1         Explicit list         Reference to TS34.108 clause 6 Parameter         Set         2         1         (AM DCCH for RRC)         2

- RLC logical channel mapping indicator		Not Present
Number of uplink PLC logical channels		1
		<u> </u>
- Uplink transport channel type		RACH
Legical channel identity		2
		<u> </u>
- CHOICE RLC size list		Explicit list
PLC size index		Reference to TS24 108 clause 6 Parameter
		Reference to 1334.100 clause o Farameter
		Set
MAC legical channel priority		2
- MAC logical channel phonty		<u>0</u>
<ul> <li>Downlink RLC logical channel info</li> </ul>		
Number of described DLO to signification		
- Number of downlink RLC logical channels		<u>1</u>
<ul> <li>Downlink transport channel type</li> </ul>		FACH
Lesierteben al identity		0
		<u>∠</u>
RB information to be affected	A5 A6 A7	(AM DCCH for NAS_DT High priority)
	10,70,70,70,	
	<u>A8</u>	
- RB identity		3
<u> </u>		⊻
- RB mapping info		
- Information for each multiplexing option		
<ul> <li>RLC logical channel mapping indicator</li> </ul>		Not Present
- Number of uplink RLC logical channels		1
<ul> <li>Uplink transport channel type</li> </ul>		RACH
- Logical channel identity		3
		₩
- CHOICE RLC size list		Explicit list
PLC size index		Potoronoo to TS24 109 alouno 6 Deremotor
		Treference to 1004. TOO Clause o Farameler
		Set
MAC legical channel priority		4
- MAC logical channel phonty		4
- Downlink RLC logical channel info		
Number of downlink DLC legical shared		4
- Number of downlink RLC logical channels		<u>1</u>
<ul> <li>Downlink transport channel type</li> </ul>		FACH
Le sie al als anne al identifier		
- Logical channel identity		3
RB information to be affected	A5 A6 A7	(AM DCCH for NAS_DT Low priority)
	10, 10, 11,	(/ III DOOTTION IV IO_DT LOW phoney)
	<u>A8</u>	
- RB identity		4
		<u> </u>
- RB mapping info		
- Information for each multiplexing option		
- RLC logical channel mapping indicator		Not Present
- Number of uplink PLC logical channels		1
		<u>+</u>
- Uplink transport channel type		RACH
- Logical channel identity		1
		4
- CHOICE RLC size list		Explicit list
- PLC size index		Reference to TS3/ 108 clause 6 Parameter
		Reference to 1334.100 clause o Farameter
		Set
MAC logical channel priority		5
		2
- Downlink RLC logical channel info		
- Number of downlink RLC logical channels		1
		<u>_</u>
<ul> <li>Downlink transport channel type</li> </ul>		FACH
- DL Transport channel identity		1
		- <u>+</u>
<ul> <li>Logical channel identity</li> </ul>		<u>4</u>
RB information to be affected	A5 A6	(TM BCCH for BPC)
	<u>10, 10</u>	
- RB identity		6 <u>6</u>
- RB mapping info	1	
<ul> <li>Intermation for each multiplexing option</li> </ul>		
monnator reconstruction option		
- Downlink RLC logical channel info		
- Downlink RLC logical channel info		
- Downlink RLC logical channel info     - Number of downlink RLC logical channels		1
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type		
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type		1 FACH
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity		1 <u>FACH</u> 5
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity      RB information to be affected	45.46	$\frac{1}{\frac{FACH}{5}}$
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected	<u>A5, A6</u>	1 FACH 5 (TM PCCH for RRC)
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity	<u>A5. A6</u>	1 FACH 5 (TM PCCH for RRC) 7
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB manning info	<u>A5. A6</u>	1 FACH 5 (TM PCCH for RRC) Z
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info	<u>A5, A6</u>	1 FACH 5 (TM PCCH for RRC) 7
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option	<u>A5, A6</u>	1 FACH 5 (TM PCCH for RRC) Z
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Downlink RLC logical channel info	<u>A5, A6</u>	1 FACH 5 (TM PCCH for RRC) Z
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Downlink RLC logical channel info	<u>A5, A6</u>	1 FACH 5 (TM PCCH for RRC) 7
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Downlink RLC logical channels	<u>A5, A6</u>	1 FACH 5 (TM PCCH for RRC) 7 1
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink RLC logical channel type	<u>A5, A6</u>	1 FACH 5 (TM PCCH for RRC) Z 1 PCH
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type	<u>A5. A6</u>	1 FACH 5 (TM PCCH for RRC) 7 7 1 PCH
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity	<u>A5. A6</u>	1 FACH 5 (TM PCCH for RRC) 7 7 1 PCH 1
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity	<u>A5, A6</u>	1 FACH 5 (TM PCCH for RRC) 7 7 1 PCH 1 Not Present
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity	<u>A5. A6</u>	1 FACH 5 (TM PCCH for RRC) 7 7 1 PCH 1 Not Present
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     Downlink counter synchronisation info     UL Transport channel information for all transport	<u>A5. A6</u> A2, A4	1 FACH 5 (TM PCCH for RRC) 7 7 1 PCH 1 Not Present
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     Downlink counter synchronisation info     UL Transport channel information for all transport	<u>A5, A6</u> <u>A2, A4</u>	1 FACH 5 (TM PCCH for RRC) 7 7 1 PCH 1 Not Present
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Information for each multiplexing option     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     Downlink counter synchronisation info     UL Transport channel information for all transport     channels	<u>A5. A6</u> <u>A2. A4</u>	1 FACH 5 (TM PCCH for RRC) 7 1 PCH 1 Not Present
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Downlink RLC logical channels     - Downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     Downlink counter synchronisation info     UL Transport channel information for all transport     channels     - PRACH TFCS	<u>A5, A6</u> <u>A2, A4</u>	1         FACH         5         (TM PCCH for RRC)         7         1         PCH         1         Not Present
- Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     RB information to be affected     - RB identity     - RB mapping info     - Information for each multiplexing option     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink RLC logical channel info     - Number of downlink RLC logical channels     - Downlink transport channel type     - Logical channel identity     Downlink counter synchronisation info     UL Transport channel information for all transport     channels     - PRACH TFCS     - CHOICE mode	<u>A5, A6</u> <u>A2, A4</u>	1 FACH 5 (TM PCCH for RRC) 7 1 PCH 1 Not Present Not Present

- Individual UL CC I rCH information		
- TECS ID		1
- Shared channel indicator		
		TALOL
		Normal
		<u>inormai</u>
- IFCI Field 1 information		
- CHOICE TFCS representation		Addition
<ul> <li>TFCS addition information</li> </ul>		
- CHOICE CTFC Size		Refer to TS34.108 clause 6.10.3.4
- CTFC information		Refer to TS34.108 clause 6.10.3.4 Parameter
		Set
- TEC subset		
- CHOICE Subset representation		Allowed transport format combination list
Allowed Transport Format combination list		Pofer to TS24 109 clouce 6 Decemptor Set
- Allowed Transport Format combination list		Refer to 1534.106 clause 6 Parameter Set
UL Transport channel information for all transport	<u>A3</u>	
<u>channels</u>		
- PRACH TFCS		Not Present
- CHOICE mode		TDD
- Individual UL_CCTrCH information		
- TECS ID		1
<u>Charad channel indicator</u>		
		FALSE
<u>- UL IFCS</u>		
- CHOICE TFCI signalling		Normal
- TFCI Field 1 information		
- CHOICE TFCS representation		Addition
- TFCS addition information		
- CHOICE CTEC Size		Refer to TS34 108 clause 6 10 3 4
- CTEC information		Pefer to TS34 108 clause 6 10 3 4 Parameter
		Refer to 1554.100 Clause 0.10.5.4 Parameter
		<u>Set</u>
- IFC subset		
<ul> <li>CHOICE Subset representation</li> </ul>		Allowed transport format combination list
<ul> <li>Allowed Transport Format combination list</li> </ul>		Refer to TS34.108 clause 6 Parameter Set
UL Transport channel information for all transport	A5, A6, A7,	
channels	A8	
	<u>/.o</u>	
		Normal
		Normai
- TFCI Field 1 information		
- TFCI Field 1 information     - CHOICE TFCS representation		Addition
- TFCI Field 1 information     - CHOICE TFCS representation		Addition
- TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information		Addition
- TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTEC Size		Addition Refer to TS34 108 clause 6 10 3 4
- TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     CTFC information		Addition Refer to TS34.108 clause 6.10.3.4 Poter to TS24.408 clause 6.10.2.4 Permeter
- TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information		Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter
- TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information		Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set
- TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode		Addition           Refer to TS34.108 clause 6.10.3.4           Refer to TS34.108 clause 6.10.3.4 Parameter           Set           TDD
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information		Addition  Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information  Deleted UL TrCH Information	A2, A5, A7,	Addition  Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information	<u>A2, A5, A7, A8</u>	Addition  Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type	<u>A2, A5, A7, A8</u>	Addition  Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present DCH
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity	<u>A2, A5, A7, A8</u>	Addition  Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present DCH 1
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information	<u>A2, A5, A7, A8</u>	Addition  Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present  DCH 1
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information	<u>A2, A5, A7, A8</u> A2, A8	Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present DCH 1 DCH
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel type     - Truestore the formation	<u>A2, A5, A7, A8</u> A2, A8	Addition          Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         DCH         1
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity	<u>A2, A5, A7, A8</u> A2, A8	Addition          Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         DCH         1         DCH         2
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel type     - Transport channel identity  Deleted UL TrCH Information	<u>A2, A5, A7, A8</u> A2, A8	Addition          Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         DCH         1         DCH         2
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity	<u>A2, A5, A7, A8</u> A2, A8 A2, A8	Addition          Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         DCH         1         DCH         2         DCH         2         DCH
- TFCI Field 1 information     - CHOICE TFCS representation     - CHOICE TFCS representation     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity	<u>A2, A5, A7, A8</u> <u>A2, A8</u> <u>A2, A8</u>	Addition          Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4         Parameter         Set         TDD         Not Present         DCH         1         DCH         2         DCH         3
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel identity  Deleted UL TrCH Information     - Uplink transport channel identity  Deleted UL TrCH Information	<u>A2, A5, A7, A8</u> <u>A2, A8</u> <u>A2, A8</u> <u>A3</u>	Addition  Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present  DCH 1 DCH 2 DCH 2 DCH 3
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity	<u>A2, A5, A7, A8</u> <u>A2, A8</u> <u>A2, A8</u> <u>A3</u>	Addition          Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         DCH         1         DCH         2         DCH         3         DCH
- TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel type     - Transport channel type     - Transport channel type     - Transport channel identity	<u>A2, A5, A7, A8</u> <u>A2, A8</u> <u>A2, A8</u> <u>A3</u>	Addition Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present DCH 1 DCH 2 DCH 3 DCH 3
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity	A2, A5, A7, A8 A2, A8 A2, A8 A2, A8 A3	Addition  Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present  DCH 1 DCH 2 DCH 3 DCH 3 DCH 6
- TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity	<u>A2, A5, A7, A8</u> <u>A2, A8</u> <u>A2, A8</u> <u>A3</u> <u>A2, A3, A4</u>	Addition          Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         DCH         1         DCH         2         DCH         3         DCH         6         If TrCH reconfiguration is executed then this
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel identity  Deleted UL TrCH Information      - Uplink transport channel identity  Deleted UL TrCH Information      - Uplink transport channel identity	<u>A2, A5, A7, A8</u> <u>A2, A8</u> <u>A2, A8</u> <u>A3</u> <u>A2, A3, A4</u>	Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         DCH         1         DCH         2         DCH         3         DCH         6         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity	A2, A5, A7, A8 A2, A8 A2, A8 A3 A2, A3, A4	Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         DCH         1         DCH         2         DCH         3         DCH         6         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.).
- TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity	A2, A5, A7, A8 A2, A8 A2, A8 A2, A8 A3 A2, A3, A4	Addition          Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         DCH         1         DCH         2         DCH         3         DCH         6         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.).         DCH         DCH
- TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity	<u>A2, A5, A7, A8</u> A2, A8 A2, A8 <u>A2, A8</u> <u>A3</u> A2, A3, A4	Addition          Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         DCH         1         DCH         2         DCH         3         DCH         6         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.).         DCH         5
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Added or Reconfigured UL TrCH information     - Uplink transport channel type     - Transport channel identity	A2, A5, A7, A8 A2, A8 A2, A8 A2, A8 A3 A2, A3, A4	Addition  Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present  DCH 1  DCH 2  DCH 3  DCH 6  If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.). DCH 5
- TFCI Field 1 information     - CHOICE TFCS representation      - TFCS addition information     - CHOICE CTFC Size     - CTFC information      - CHOICE mode     - Individual UL CCTrCH information      Deleted UL TrCH Information      - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity  Added or Reconfigured UL TrCH information     - Uplink transport channel type     - Transport channel identity  Added or Reconfigured UL TrCH information     - Uplink transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - CHOICE Transport channel identity	<u>A2, A5, A7, A8</u> <u>A2, A8</u> <u>A2, A8</u> <u>A3</u> <u>A2, A3, A4</u>	Addition  Refer to TS34,108 clause 6.10.3.4 Refer to TS34,108 clause 6.10.3.4 Parameter Set TDD Not Present  DCH 1  DCH 2  DCH 3  DCH 6  If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.). DCH 5  Dedicated transport chappels
- TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Added or Reconfigured UL TrCH information     - Uplink transport channel type     - UL Transport channel type     - Transport channel type     - UL Transport channel type	A2, A5, A7, A8 A2, A8 A2, A8 A2, A8 A3 A2, A3, A4	Addition  Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present  DCH 1  DCH 2  DCH 3  DCH 6  If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.). DCH 5  Dedicated transport channels (This IF is repected for TFI sympler)
- TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted OL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted OL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted OL TrCH Information     - Uplink transport channel type     - Transport channel identity	A2, A5, A7, A8 A2, A8 A2, A8 A2, A8 A3 A2, A3, A4	Addition  Refer to TS34.108 clause 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set TDD Not Present  DCH 1  DCH 2  DCH 3  DCH 6  If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.). DCH 5  Dedicated transport channels (This IE is repeated for TE1 number)
- TFCI Field 1 information     - CHOICE TFCS representation     - TFCS addition information     - CHOICE CTFC Size     - CTFC information     - CHOICE mode     - Individual UL CCTrCH information     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Deleted UL TrCH Information     - Uplink transport channel type     - Transport channel identity     Added or Reconfigured UL TrCH information     - Uplink transport channel type     - UL Transport channel type     - UL Transport channel type     - UL Transport channel identity     - TFS     - CHOICE Transport channel type     - Dynamic Transport format information     - RLC Size	A2, A5, A7, A8 A2, A8 A2, A8 A3 A2, A3, A4	Addition         Refer to TS34.108 clause 6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter         Set         TDD         Not Present         DCH         1         DCH         2         DCH         3         DCH         6         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.).         DCH         5         Dedicated transport channels         (This IE is repeated for TFI number)         Reference to TS34.108 clause 6 Parameter

<ul> <li>Number of TBs and TTI List</li> </ul>		(This IE is repeated for TFI number.)
Transmission Time Interval		Not Precent
		NULTIESEIIL
- Number of Transport blocks		Reference to TS34.108 clause 6 Parameter
		Set
- CHOICE Logical Channel list		ALL
<ul> <li>Semi-static Transport Format information</li> </ul>		
Transmission time interval		Poteroneo to TS24 108 clause 6 Parameter
		Reference to 1554.100 clause o Falameter
		Set
- Type of channel coding		Reference to TS3/ 108 clause 6 Parameter
- Type of charmer county		Reference to 1004.100 clause of alameter
		Set
- Coding Rate		Reference to TS34 108 clause 6 Parameter
		Set
- Rate matching attribute		Reference to TS34,108 clause 6 Parameter
		Set
- CRC size		Reference to TS34,108 clause 6 Parameter
		Cot
		Set
DL Transport channel information common for all	A2, A3, A4	
	<u>···-</u> , ····, ····	
transport channel		
- SCCPCH TECS		Not Present
<u> </u>		IDD
- Individual DL_CCTrCH information		
- DL TFCS Identity		
- TECS ID		1
		1 ± o=
- Shared Channel Indicator		FALSE
		Independent
		independent
- DL TFCS		
- CHOICE TECI signalling		Normal
		INOITIAL
- TFCI Field 1 Information		
- CHOICE TECL representation		Addition
		Addition
<ul> <li>TFCS addition information</li> </ul>		
		Poter to TS24 109 clause 6 10 2 4
		Nelet to 1004.100 Gause 0.10.0.4
- CTFC information		Refer to TS34.108 clause 6.10.3.4 Parameter
		Set
DL Transport channel information common for all	<u>A5, A6, A7,</u>	
transport channel	A8	
transport channel	<u>A8</u>	
transport channel - SCCPCH TFCS	<u>A8</u>	(This IE is repeated for TFC number.)
transport channel <u>- SCCPCH TFCS</u> - CHOICE TECI signalling	<u>A8</u>	(This IE is repeated for TFC number.)
transport channel <u>- SCCPCH TFCS</u> <u>- CHOICE TFCI signalling</u>	<u>A8</u>	(This IE is repeated for TFC number.) Normal
transport channel <u>- SCCPCH TFCS</u> <u>- CHOICE TFCI signalling</u>	<u>A8</u>	(This IE is repeated for TFC number.) Normal
transport channel <u>- SCCPCH TFCS</u> <u>- CHOICE TFCI signalling</u>	<u>A8</u>	(This IE is repeated for TFC number.) Normal
transport channel <u>- SCCPCH TFCS</u> <u>- CHOICE TFCI signalling</u> <u>- TFCI Field 1 information</u>	<u>A8</u>	<u>(This IE is repeated for TFC number.)</u> Normal
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information	<u>A8</u>	(This IE is repeated for TFC number.) Normal
transport channel <u>- SCCPCH TFCS</u> <u>- CHOICE TFCI signalling</u> <u>- TFCI Field 1 information</u>	<u>A8</u>	(This IE is repeated for TFC number.) Normal
transport channel <u>- SCCPCH TFCS</u> <u>- CHOICE TFCI signalling</u> <u>- TFCI Field 1 information</u> <u>- CHOICE TFCS representation</u>	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TECS addition information	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information	<u>A8</u>	(This IE is repeated for TFC number.) Normal
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - TFCS addition information - CHOICE CTFC Size	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - TFCS addition information - CHOICE CTFC Size	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTEC from clauses
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTFC from clauses
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - TFCS addition information - CHOICE CTFC Size - CTFC information	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - TFCS addition information - CHOICE CTFC Size - CTFC information - Power offset information	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set Not Present
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - Power offset information  - Power offset information	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set Not Present
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - TFCS addition information - CHOICE CTFC Size - CTFC information - Power offset information - CHOICE mode	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set Not Present TDD
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - CHOICE TFCS representation - CHOICE CTFC Size - CTFC information - CTFC information - Power offset information - CHOICE mode - Individual DL CCTrCH information	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set Not Present TDD Not Present
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TFCH Information	<u>A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set Not Present TDD Not Present
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information	<u>A8</u> <u>A2, A3, A5,</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set Not Present TDD Not Present
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - TFCS addition information - CHOICE CTFC Size - CTFC information - CTFC information - Power offset information - CHOICE mode - Individual DL CCTrCH information Deleted DL TrCH Information	<u>A8</u> <u>A2, A3, A5,</u> A7, A8	(This IE is repeated for TFC number.)         Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses         6.10.3.4         Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         Not Present
transport channel  - SCCPCH TFCS - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - CHOICE TFCS representation  - CHOICE CTFC Size  - CTFC information  - CHOICE mode - Individual DL CCTrCH information  Deleted DL TrCH Information	<u>A8</u> <u>A2, A3, A5, A7, A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set Not Present TDD Not Present
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type	<u>A8</u> <u>A2, A3, A5,</u> <u>A7, A8</u>	(This IE is repeated for TFC number.) Normal Addition Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set Not Present TDD Not Present DCH
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - TFCS addition information - CHOICE CTFC Size - CTFC information - CHOICE cTFC Size - CTFC information - CHOICE mode - Individual DL CCTrCH information Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity	<u>A8</u> <u>A2, A3, A5,</u> <u>A7, A8</u>	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - CHOICE TFCS representation  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type - Transport channel identity  Deleted DL TrCH Information	<u>A8</u> <u>A2, A3, A5, A7, A8</u>	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information	<u>A8</u> <u>A2, A3, A5,</u> <u>A7, A8</u> <u>A2, A8</u>	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - TFCS addition information - CHOICE CTFC Size - CTFC information - CHOICE cTFC Size - CTFC information - CHOICE mode - Individual DL CCTrCH information Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type	<u>A8</u> <u>A2, A3, A5, A7, A8</u> <u>A2, A8</u>	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - CHOICE TFCS representation - CHOICE CTFC Size - CTFC information - CHOICE CTFC Size - CTFC information - Power offset information - Power offset information - CHOICE mode - Individual DL CCTrCH information Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity	<u>A8</u> <u>A2, A3, A5, A7, A8</u> <u>A2, A8</u>	(This IE is repeated for TFC number.) Normal         Addition         Aubber of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity	<u>A8</u> <u>A2, A3, A5,</u> <u>A7, A8</u> <u>A2, A8</u>	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - TFCS addition information - CHOICE CTFC Size - CTFC information - CHOICE cTFC Size - CTFC information - CHOICE mode - Individual DL CCTrCH information Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information	<u>A8</u> <u>A2, A3, A5, A7, A8</u> <u>A2, A8</u>	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type - Transport channel identity	<u>A8</u> <u>A2, A3, A5,</u> <u>A7, A8</u> <u>A2, A8</u>	(This IE is repeated for TFC number.) Normal         Addition         Aubber of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7         DCH
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity	<u>A8</u> <u>A2, A3, A5, A7, A8</u> <u>A2, A8</u> <u>A2, A8</u>	(This IE is repeated for TFC number.) NormalAdditionNumber of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter SetNot Present TDD Not PresentDCH 2DCH 2DCH 2
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - TFCS addition information - CHOICE CTFC Size - CTFC information - CHOICE cTFC Size - CTFC information - CHOICE mode - Individual DL CCTrCH information Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity	<u>A8</u> <u>A2, A3, A5, A7, A8</u> <u>A2, A8</u> <u>A2, A8</u>	(This IE is repeated for TFC number.) NormalAdditionAdditionNumber of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter SetNot Present TDD Not PresentDCH 6DCH 7DCH 8
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type - Transport channel identity	<u>A8</u> <u>A2, A3, A5,</u> <u>A7, A8</u> <u>A2, A8</u> <u>A2, A8</u>	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7         DCH 8
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type - Transport channel identity	A8 A2, A3, A5, A7, A8 A2, A8 A2, A8 A2, A3, A4	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7         DCH 8         If TrCH reconfiguration is executed then this
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type - Transport channel identity	A8 A2, A3, A5, A7, A8 A2, A8 A2, A8 A2, A8	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7         DCH 8         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type - Transport channel identity	A8 A2, A3, A5, A7, A8 A2, A8 A2, A8 A2, A8 A2, A3, A4	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7         DCH 8         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is obspaced)
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Added or Reconfigured DL TrCH information	<u>A8</u> <u>A2, A3, A5, A7, A8</u> <u>A2, A8</u> <u>A2, A8</u> <u>A2, A3, A4</u>	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7         DCH 8         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.).
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type - Transport channel identity  Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity  Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity  Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity	A8 A2, A3, A5, A7, A8 A2, A8 A2, A8 A2, A8 A2, A3, A4	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7         DCH 8         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.). DCH
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Added or Reconfigured DL TrCH information	A8 A2, A3, A5, A7, A8 A2, A8 A2, A8 A2, A8 A2, A3, A4	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7         DCH 8         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.). DCH 40
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - TFCS addition information - TFCS addition information - CHOICE CTFC Size - CTFC information - CHOICE mode - Individual DL CCTrCH information Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Added or Reconfigured DL TrCH information - Downlink transport channel type - Transport channel identity	<u>A8</u> <u>A2, A3, A5, A7, A8</u> <u>A2, A8</u> <u>A2, A8</u> <u>A2, A3, A4</u>	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7         DCH 8         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.). DCH 10
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - TFCS addition information - CHOICE CTFC Size - CTFC information - CHOICE mode - Individual DL CCTrCH information Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Added or Reconfigured DL TrCH information - Downlink transport channel type - Transport channel identity Added or Reconfigured DL TrCH information	<u>A8</u> <u>A2, A3, A5,</u> <u>A7, A8</u> <u>A2, A8</u> <u>A2, A8</u> <u>A2, A8</u>	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7         DCH 8         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.).         DCH 10         Independent
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - TFCS addition information - TFCS addition information - CHOICE CTFC Size - CTFC information - CHOICE mode - Individual DL CCTrCH information Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Added or Reconfigured DL TrCH information - Downlink transport channel type - Transport channel identity Added or Reconfigured DL TrCH information	A8 A2, A3, A5, A7, A8 A2, A8 A2, A8 A2, A3, A4	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7         DCH 8         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Independent
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE TFCS representation  - TFCS addition information  - CHOICE CTFC Size  - CTFC information  - CHOICE mode  - Individual DL CCTrCH information  - CHOICE mode  - Individual DL CCTrCH information  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Deleted DL TrCH Information  - Downlink transport channel type  - Transport channel identity  Added or Reconfigured DL TrCH information  - Downlink transport channel type  - Transport channel identity  - CHOICE DL parameters - TFS	<u>A8</u> <u>A2, A3, A5, A7, A8</u> <u>A2, A8</u> <u>A2, A8</u> <u>A2, A3, A4</u>	(This IE is repeated for TFC number.) NormalAdditionNumber of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter SetNot Present TDD Not PresentDCH 6DCH 7DCH 8If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.). DCH 10 Independent
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information - CHOICE TFCS representation - TFCS addition information - TFCS addition information - CHOICE CTFC Size - CTFC information - CHOICE mode - Individual DL CCTrCH information Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Deleted DL TrCH Information - Downlink transport channel type - Transport channel identity Added or Reconfigured DL TrCH information - Downlink transport channel type - Transport channel identity - CHOICE DL parameters - TFS - CHOICE Transport channel type	<u>A8</u> <u>A2, A3, A5, A7, A8</u> <u>A2, A8</u> <u>A2, A8</u> <u>A2, A8</u>	(This IE is repeated for TFC number.) Normal         Addition         Number of bits used must be enough to cover all combinations of CTFC from clauses 6.10.3.4 Refer to TS34.108 clause 6.10.3.4 Parameter Set         Not Present TDD Not Present         DCH 6         DCH 7         DCH 8         If TrCH reconfiguration is executed then this is needed(e.g. The rate of SRB for DCCH is changed.).         DCH 10         Independent         Dedicated transport channels

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<ul> <li>Dynamic Transport format information</li> </ul>		(This IE is repeated for TFI number)
		Deference to TC24 400 eleves C Deremeter
- RLC Size		Reference to 1534.108 clause 6 Parameter
		Set
Number of TRe and TTL List		(This IE is repeated for TEL number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34 108 clause 6 Parameter
		Set
- CHOICE Logical Channel list		ALL
Somi statia Transport Format information		
- Semi-static transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6 Parameter
		Set
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6 Parameter
		Set
- Coding Rate		Reference to TS34.108 clause 6 Parameter
		Set
Data matching attribute		Deference to TC24 109 eleves 6 Decemptor
- Rate matching attribute		Reference to 1534. Too clause o Parameter
		Set
CPC pizo		Beforence to TS24 109 clause 6 Decemptor
<u>- CRC SIZE</u>		Reference to 1554. Too clause o Parameter
		Set
- DCH quality target		—
- BLER Quality value		<u>-6.3</u>
- Transparent mode signalling info		Not Present
Frequency into		
- CHOICE mode		חחד
<u> </u>		Reference to TS34.108 clause 6 Parameter
		Set
Maximum allowed UL TX power		<u>30dBm</u>
CHOICE channel requirement	A2, A2, A4	Uplink DPCH info
Unlink DDCLL newer control info	<u>, , , , , , , , , , , , , , , , , , , </u>	
-Uplink DPCH power control Into		
- CHOICE mode		TDD
LIL Target SIP		Reference to TS24 109
		<u>Nelelelice to 1334.100</u>
- CHOICE UL OL PC info		Individually signalled
- CHOICE TDD option		1.28 Mons TDD
		1.20 1000 100
- I PC step size		1
- Primary CCPCH Tx Power		Eference to TS34 108
- Primary CCPCH Tx Power		Reference to TS34.108
- Primary CCPCH Tx Power     - CHOICE mode		Reference to TS34.108 TDD
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control		Reference to TS34.108       TDD       Not Present
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control		Reference to TS34.108       TDD       Not Present
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTICH List		Reference to TS34.108       TDD       Not Present
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID		Reference to TS34.108       TDD       Not Present       1
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info		Reference to TS34.108       TDD       Not Present       1
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     Activation time		Reference to TS34.108       TDD       Not Present       1
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time		Reference to TS34.108           TDD           Not Present           1           (256+CFN-(CFNmod 8 + 8))MOD256
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslat info		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Defenses to TS34.108
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCL coding		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Ulpink DPCH timeslots and codes		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         1         1         Efference to TS34.108 clause 6.         1         Empty
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         1.28 Mcps
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     Timeslot pumber		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an unlink timestat that has
Primary CCPCH Tx Power     CHOICE mode     Uplink Timing Advance Control     UL CCTrCH List     TFCS ID     Time info     Activation time     Duration     Common timeslot info         2 <sup>nd</sup> interleaving mode     TFCI coding     Repetition Period     Repetition Length     Uplink DPCH timeslots and codes     First timeslot information     CHOICE TDD option     Timeslot number		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1 <u>1</u> Empty <u>1.28 Mcps</u> The number of an uplink timeslot that has
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - Timeslot number		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - Timeslot number     - TECL existence		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - Timeslot number		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - Timeslot number     - TFCI existence     - Midamble shift and burst type		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option     - Midamble Allocation Mode		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option     - Midamble Allocation Mode     - Midamble configuration		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option     - Midamble Allocation Mode     - Midamble configuration     - CHOICE TDD option		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1 28 Mcps
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option     - Midamble Allocation Mode     - Midamble configuration     - CHOICE TDD option		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option     - Midamble Allocation Mode     - Midamble configuration     - CHOICE TDD option     - Midamble configuration		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps         QPSK
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option     - Midamble Allocation Mode     - Midamble configuration     - CHOICE TDD option     - SS-TPC. Symbols		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps         QPSK         1
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option     - Midamble Allocation Mode     - Midamble configuration     - CHOICE TDD option     - SS-TPC Symbols		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps         QPSK         1
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - Timeslot number     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option     - Midamble configuration     - CHOICE TDD option     - First timeslot code list		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps         QPSK         1         Repeated (1,2) for each channelisation code
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option     - Midamble configuration     - SS-TPC Symbols     - First timeslot code list		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps         QPSK         1         Repeated (1.2) for each channelisation code that is assigned in the slot.
Primary CCPCH Tx Power     CHOICE mode     Uplink Timing Advance Control     UL CCTrCH List     TFCS ID     Time info     Activation time     Duration     Common timeslot info     2 <sup>nd</sup> interleaving mode     TFCI coding     Repetition Period     Repetition Length     Uplink DPCH timeslots and codes     First timeslot information     CHOICE TDD option     TFCI existence     Midamble shift and burst type     CHOICE TDD option     Midamble Allocation Mode     Midamble Configuration     CHOICE TDD option     Midamble Configuration     CHOICE TDD option     Midamble Configuration     CHOICE TDD option     SS-TPC Symbols     First timeslot code list		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps         QPSK         1         Repeated (1.2) for each channelisation code that is assigned in the slot.         (i/SE) where i denotes the code that is being
Primary CCPCH Tx Power     CHOICE mode     Uplink Timing Advance Control     UL CCTrCH List     TFCS ID     Time info     Activation time     Duration     Common timeslot info     2 <sup>nd</sup> interleaving mode     TFCI coding     Repetition Period     Repetition Length     Uplink DPCH timeslots and codes     First timeslot information     CHOICE TDD option     TFCI existence     Midamble shift and burst type     CHOICE TDD option     Midamble Allocation Mode     Midamble configuration     CHOICE TDD option     SS-TPC Symbols     First timeslot code list     Channelisation Code		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps         QPSK         1         Repeated (1.2) for each channelisation code that is assigned in the slot.         (i/SF) where i denotes the code that is being
Primary CCPCH Tx Power     CHOICE mode     Uplink Timing Advance Control     UL CCTrCH List     TFCS ID     Time info     Activation time     Duration     Common timeslot info     2 <sup>nd</sup> interleaving mode     TFCI coding     Repetition Period     Repetition Length     Uplink DPCH timeslots and codes     First timeslot information     CHOICE TDD option     TTCI existence     Midamble shift and burst type     CHOICE TDD option     Midamble configuration     OchOICE TDD option     Midamble configuration     CHOICE TDD option     Otholce TDD option     SS-TPC Symbols     First timeslot code list     Channelisation Code		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps         QPSK         1         Repeated (1,2) for each channelisation code that is assigned in the slot.         (i/SF) where i denotes the code that is being assigned and SF is specified in TS34.108
Primary CCPCH Tx Power     CHOICE mode     Uplink Timing Advance Control     UL CCTrCH List     TFCS ID     Time info     Activation time     Duration     Common timeslot info     2 <sup>nd</sup> interleaving mode     TFCI coding     Repetition Period     Repetition Length     Uplink DPCH timeslots and codes     First timeslot information     CHOICE TDD option     TECI existence     Midamble shift and burst type     CHOICE TDD option     Midamble configuration     CHOICE TDD option     SS-TPC Symbols     First timeslot code list     Channelisation Code		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps         OPSK         1         Repeated (1,2) for each channelisation code that is assigned in the slot.         (i/SF) where i denotes the code that is being assigned and SF is specified in TS34.108         clause 6 Parameter Set
Primary CCPCH Tx Power     CHOICE mode     Uplink Timing Advance Control     UL CCTrCH List     TFCS ID     Time info     Activation time     Duration     Common timeslot info     2 <sup>nd</sup> interleaving mode     TFCI coding     Repetition Length     Uplink DPCH timeslots and codes     First timeslot information     CHOICE TDD option     TECI existence     Midamble shift and burst type     CHOICE TDD option     Midamble Allocation Mode     Midamble configuration     CHOICE TDD option     SS-TPC Symbols     First timeslot code list     Channelisation Code		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps         QPSK         1         Repeated (1,2) for each channelisation code that is assigned in the slot.         (i/SF) where i denotes the code that is being assigned and SF is specified in TS34.108 clause 6 Parameter Set.
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option     - Midamble configuration     - CHOICE TDD option     - CHOICE TDD option     - Midamble configuration     - CHOICE TDD option     - Midamble configuration     - CHOICE TDD option     - CHOICE TDD option     - Midamble configuration     - CHOICE more timeslots		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps         QPSK         1         Repeated (1,2) for each channelisation code that is assigned in the slot.         (i/SF) where i denotes the code that is being assigned and SF is specified in TS34.108 clause 6 Parameter Set.         The presence of this IE depends on the
- Primary CCPCH Tx Power     - CHOICE mode     - Uplink Timing Advance Control     - UL CCTrCH List     - TFCS ID     - Time info     - Activation time     - Duration     - Common timeslot info     - 2 <sup>nd</sup> interleaving mode     - TFCI coding     - Repetition Period     - Repetition Length     - Uplink DPCH timeslots and codes     - First timeslot information     - CHOICE TDD option     - Timeslot number     - TFCI existence     - Midamble shift and burst type     - CHOICE TDD option     - Midamble configuration     - CHOICE TDD option     - Midamble configuration     - CHOICE TDD option     - SS-TPC Symbols     - First timeslot code list     - Choice more timeslot code		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps         QPSK         1         Repeated (1.2) for each channelisation code that is assigned in the slot.         (i/SF) where i denotes the code that is being assigned and SF is specified in TS34.108         clause 6 Parameter Set.         The presence of this IE depends on the number of resources specified in TS34.108
Primary CCPCH Tx Power     CHOICE mode     Uplink Timing Advance Control     UL CCTrCH List     TFCS ID     Time info     Activation time     Duration     Common timeslot info         2 <sup>nd</sup> interleaving mode     TFCI coding     Repetition Period     Repetition Length     Uplink DPCH timeslots and codes     First timeslot information     CHOICE TDD option     TECI existence     Midamble shift and burst type     CHOICE TDD option     Midamble Allocation Mode     Midamble configuration     CHOICE TDD option     SS-TPC Symbols     First timeslot code list     Channelisation Code     CHOICE more timeslots		Reference to TS34.108         TDD         Not Present         1         (256+CFN-(CFNmod 8 + 8))MOD256         Infinite         Reference to TS34.108 clause 6.         Reference to TS34.108 clause 6.         1         Empty         1.28 Mcps         The number of an uplink timeslot that has unassigned codes.         TRUE         1.28 Mcps         Default         16         1.28 Mcps         OPSK         1         Repeated (1.2) for each channelisation code that is assigned in the slot.         (i/SF) where i denotes the code that is being assigned and SF is specified in TS34.108 clause 6 Parameter Set.         The presence of this IE depends on the number of resources specified in TS34.108 constant for the under street for the presence of the str

	l	more than one timeslot.
CHOICE Mode		TDD
Downlink information common for all radio links	A2, A3, A4	
- Downlink DPCH info common for all RL		
<ul> <li>Timing indicator</li> </ul>		<u>Maintain</u>
- CFN-targetSFN frame offset		Not Present
- Downlink DPCH power control information		
-CHOICE mode		
CHOICE mode		
- CHOICE TOD option		1 28 Mcps
- TSTD indicator		TRUE
- Default DPCH Offset Value		Not Present
Downlink information for each radio link list	A2, A3, A4	
- Downlink information for each radio links		
- CHOICE mode		TDD
- Primary CCPCH info		
<u>- CHOICE mode</u>		TDD
- CHOICE IDD option		1.28 Mcps
<u>- ISID Indicator</u>		
- Block STTD indicator		
- Downlink DPCH info for each RI		TALSE
- CHOICE mode		TDD
- DL CCTrCH List		
- TFCS ID		<u>1</u>
- Activation time		(256+CFN-(CFN MOD 8 + 8))MOD 256
- Duration		<u>Infinite</u>
<u>- Common timeslot info</u>		
<u>- 2<sup>m</sup> Interleaving mode</u>		Reference to TS34.108 clause 6
-IFCI coding Buncturing limit		Reference to TS34.108 clause 6
Puncturing Innit		<u>Reference to 1534.106 clause 6</u>
- Repetition length		Empty
- Downlink DPCH timeslots and codes		
- Individual timeslot info		
- Timeslot number		The number of a downlink timeslot that has
		unassigned codes.
- TFCI existence		TRUE
- Midamble shift and burst type		4.00.14
- CHOICE IDD option		1.28 Mcps
- Midamble configuration		
		1 28 Mcps TDD
- Modulation		OPSK
- SS-TPC Symbols		1
- First timeslot channelisation codes		-
<ul> <li>First channelisation code</li> </ul>		(i/SF) where i is the lowest numbered code
		assigned in the timeslot and SF is specified in
		TS34.108 clause 6 arameter Set.
- Last channelisation code		(J/SF) where J is the highest numbered code
Pitmon		Assigned in the timeslot.
- CHOICE more timeslots		The presence of this IE depends upon the
		number of resources required by the
		TS34,108 clause 6 Parameter Set and
		whether they are assigned using more than
		one timeslot.
- Secondary CCPCH info		Not Present
Downlink information common for all radio links	<u>A5, A6, A7,</u>	
	<u>A8</u>	
- Downlink information for each radio link		TDD
- Unoice mode Drimony CCPCH info		<u>עטו</u>
		חחד
- CHOICE TDD option		1.28 Mcps TDD
- TSTD indicator		TRUE
- Cell parameters ID		

- Block STTD indicator	FALSE
<ul> <li>Downlink DPCH info for each RL</li> </ul>	Not present
- SCCPCH information for FACH	Not present

	<b>Condition</b>	Explanation
<u>A1</u>		This IE need for "Non speech in CS"
<u>A2</u>		This IE need for "Speech in CS"
<u>A3</u>		This IE need for "Packet to CELL_DCH from CELL_DCH in PS"
A4		This IE need for "Packet to CELL_DCH from CELL_FACH in PS"
A5		This IE need for "Packet to CELL_FACH from CELL_DCH in PS"
<u>A6</u>		This IE need for "Packet to CELL_FACH from CELL_FACH in PS"
A7		This IE need for "Non speech to CELL_FACH from CELL_DCH in CS"
A8		This IE need for "Speech to CELL_FACH from CELL_DCH in CS"

## Contents of UTRAN MOBILITY INFORMATION message: AM or UM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
- message authentication code	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity protection mode info	Not Present
Ciphering mode info	Not Present
New U-RNTI	See the test content
New C-RNTI	See the test content
UE Timers and constants in connected mode	
<u> </u>	2000 milliseconds
<u>- N301</u>	2
<u>- T302</u>	4000 milliseconds
<u>- N302</u>	<u>3</u>
<u> </u>	1000 milliseconds
<u>- N304</u>	<u>3</u>
<u> </u>	<u>60 minutes</u>
<u> </u>	50 seconds
<u> </u>	320 milliseconds
<u> </u>	<u>8 seconds</u>
<u>- T310</u>	<u>320 milliseconds</u>
<u>- N310</u>	<u>5</u>
<u>- T311</u>	500 milliseconds
<u>- T312</u>	<u>5 seconds</u>
<u>- N312</u>	<u>200</u>
<u>- T313</u>	<u>10 seconds</u>
<u>- N313</u>	<u>200</u>
<u>- T314</u>	20 seconds
<u>- T315</u>	<u>30 seconds</u>
<u>- N315</u>	<u>200</u>
<u>- T316</u>	50 seconds
<u>- T317</u>	1800 seconds
CN information info	Not Present
URA identity	Not present
Downlink counter synchronisation info	Not Present

### Contents of UTRAN MOBILITY INFORMATION CONFIRM message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if it matches the value of the same IE in
	downlink UTRAN MOBILITY INFORMATION message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM, (b)
	UE is transiting to CELL_DCH state after the
	reconfiguration procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

### Contents of RRC CONNECTION REJECT message: UM

Information Element	Value/remark
Message Type	
Initial UE identity	Set to the UE's IMSI (GSM-MAP) or TMSI.
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Rejection cause	<u>Unspecified</u>
Wait Time	<u>0</u>
Redirection info	Not Present

## Contents of RRC CONNECTION SETUP message: UM (Transition to CELL FACH)

Information Element	Value/remark
Message Type	
Initial UE identity	Reference to TS34.108 clause 6 Parameter Set
RRC transaction identifier	Arbitrarily select a integer between 0 and 3
Activation time	Not Present
<u>New U-RINTI</u> SPNC identity	0000 0000 0001B
- SRNC Identity - S-RNTI	0000 0000 0001B
New C-RNTI	0000 0000 0000 0001B
RRC state indicator	CELL FACH
UTRAN DRX cycle length coefficient	<u>5 (2 to 12)</u>
Capability update requirement	
<ul> <li>UE radio access FDD capability update</li> </ul>	FALSE
requirement	
- OE radio access 3.84Micps TDD capability update	FALSE
- UE radio access 1 28Mcps TDD capability update	FALSE
requirement	
- System specific capability update requirement	Not Present
Signalling RB information to setup	(UM DCCH for RRC)
- RB identity	1
- CHOICE RLC info type	<u>RLC info</u>
- CHOICE Uplink RLC mode	<u>UM RLC</u>
- Transmission RLC discard	Not Present
<ul> <li>CHOICE Downlink RLC mode</li> </ul>	<u>UM RLC</u>
- RB mapping info	
- Information for each multiplexing option	Not Dressent
- RLC logical channel mapping indicator	Not Present
- Unlink transport channel type	L RACH
- Logical channel identity	1
- CHOICE RLC size list	Explicit list
- RLC size index	Reference to TS34.108 clause 6 Parameter Set
- MAC logical channel priority	2
Downlink RLC logical channel into	
- Number of downlink RLC logical channels	
- Logical channel identity	1
Signalling RB information to setup	(AM DCCH for RRC)
- RB identity	2
<ul> <li>CHOICE RLC info type</li> </ul>	RLC info
- CHOICE Uplink RLC mode	<u>AM RLC</u>
- Iransmission RLC discard	No Discord
	NO DISCAIO 15
- Transmission window size	<u>128</u>
- Timer_RST	<u>500</u>
<u> </u>	<u>4</u>
<u> </u>	200
- Timer poll	200
- Poll PDU	Not Present
- Poll_SDU	1
- Last transmission PDU poll	TRUE
<ul> <li>Last retransmission PDU poll</li> </ul>	TRUE
- Poll Windows	99
- Timer poll periodic	Not Present
- CHUICE DOWNIINK RLC mode	
- III-sequence delivery	128
	120

- Downlink RLC status info			
- Timer status probibit	200		
- Timer EPC	Not Present		
- Missing PDL indicator	TRUE		
- Timer STATUS periodic	Not Present		
- RB mapping info			
- Information for each multiplexing option			
- RLC logical channel manning indicator	Not Present		
- Number of unlink RLC logical channels	1		
- Unlink transport channel type			
- Logical channel identity			
- CHOICE RI C size list	∠ Explicit list		
- RIC size index	Explicit list Reference to TS34 108 clause 6 Parameter Set		
- MAC logical channel priority	3		
- Downlink RI C logical channel info	⊻		
- Number of downlink RLC logical channels	1		
- Downlink transport channel type	ÉACH		
- Logical channel identity	2		
Signalling RB information to setup	$\leq$ (AM DCCH for NAS, DT High priority)		
- RB identity	3		
- CHOICE RI C info type	ELC info		
- CHOICE Uplink RLC mode	AMRIC		
- Transmission RLC discard			
- SDU discard mode	No Discard		
- MAX_DAT	15		
- Transmission window size	128		
- Timer RST	500		
- Max_RST	4		
- Polling info			
- Timer poll prohibit	200		
- Timer_poll	<u>200</u>		
- Poll_PDU	Not Present		
- Poll_SDU	<u>1</u>		
<ul> <li>Last transmission PDU poll</li> </ul>	TRUE		
<ul> <li>Last retransmission PDU poll</li> </ul>	TRUE		
<u>Poll Windows</u>	<u>99</u>		
- Timer_poll_periodic	Not Present		
- CHOICE Downlink RLC mode	<u>AM RLC</u>		
<ul> <li>In-sequence delivery</li> </ul>	TRUE		
- Receiving window size	<u>128</u>		
- Downlink RLC status info			
	200		
- Timer EPC Missing DDI Lindiaster	Not Present		
- Missing PDU Indicator	IRUE Net Present		
- ND mapping millo - Information for each multiplexing option			
- Information for each multipleXing option	Not Present		
- Number of uplink PLC logical channels	1		
- Unlink transport channel type			
- Logical channel identity	3		
- CHOICE RLC size list	≚ Explicit list		
- RI C size index	Reference to TS34.108 clause 6 Parameter Set		
- MAC logical channel priority	4		
- Downlink RLC logical channel info	<u></u>		
- Number of downlink RLC logical channels	1		
- Downlink transport channel type	FACH		
- Logical channel identity	3		
Signalling RB information to setup	✓ (AM DCCH for NAS_DT Low priority)		
- RB identity	4		
- CHOICE RLC info type	RLC info		
- CHOICE Uplink RLC mode	AM RLC		
- Transmission RLC discard			
- SDU discard mode	No Discard		
- MAX DAT	<u>15</u>		

- Transmission window size	128		
- Timer RST	500		
- Wax_ROT	4		
- Politing Info			
- limer_poll_prohibit	200		
- limer_poll	<u>200</u>		
<u> </u>	Not Present		
<u> </u>	1		
<ul> <li>Last transmission PDU poll</li> </ul>	TRUE		
<ul> <li>Last retransmission PDU poll</li> </ul>	TRUE		
- Poll_Windows	99		
- Timer poll periodic	Not Present		
- CHOICE Downlink RLC mode	AM RLC		
- In-sequence delivery	TRUE		
- Receiving window size	128		
- Downlink RI C status info			
- Timer status prohibit	200		
- Timer EPC	Not Present		
- Missing PDL indicator	TRUE		
- Timer STATUS periodic	Not Present		
- RB mapping info			
- Information for each multiploying option			
- RLC logical channel manning indicator	Not Present		
- NEO logical channel mapping mulcator			
- Number of uplink KLC logical channels			
- Uplink transport channel type	<u>RACH</u>		
- Logical channel identity	$\frac{4}{2}$		
- CHOICE RLC size list	Explicit list		
- RLC size index	Reference to TS34.108 clause 6 Parameter Set		
<ul> <li>MAC logical channel priority</li> </ul>	<u>5</u>		
<ul> <li>Downlink RLC logical channel info</li> </ul>			
<ul> <li>Number of downlink RLC logical channels</li> </ul>	1		
<ul> <li>Downlink transport channel type</li> </ul>	FACH		
<ul> <li>Logical channel identity</li> </ul>	<u>4</u>		
UL Transport channel information for all transport			
channels			
- TFC subset	(This IE is repeated for TFC number.)		
- Allowed Transport Format combination	0 to MaxTFCValue-1 (MaxTFCValue is refer to TS34.108		
	clause 6 Parameter Set.)		
- PRACH TFCS	Not Present		
- CHOICE mode	FDD		
- UL DCH TFCS	Not Present		
Added or Reconfigured UL TrCH information			
- Transport channel identity	15		
- TES	<u> </u>		
- CHOICE Transport channel type	Common transport channels		
- Dynamic Transport format information	(This IE is repeated for TEL number)		
- RLC Size	Reference to TS34 108 clause 6 Parameter Set		
- Number of TRe and TTLL ist	(This IF is repeated for TFI number )		
- Number of Transport blocks	Reference to TS34 108 clause 6 Parameter Set		
- CHOICE mode	TOD		
- CHOICE Logical Channel List			
- ONOLE LUGICAL ONALINELLIST			
- Semi-static mansport Format information	Deference to TS24.400 eleves C Deverte for Oct		
- mansmission time interval	Reference to TS34.108 clause 6 Parameter Set		
- Type of channel coding	Reference to TO34.108 clause o Parameter Set		
- Coding Kate	Reference to 1534.108 clause 6 Parameter Set		
- Kate matching attribute	Reference to 1534.108 clause 6 Parameter Set		
	Reference to 1534.108 clause 6 Parameter Set		
DL Transport channel information common for all			
transport channel			
transport channel <u>- SCCPCH TFCS</u>	(This IE is repeated for TFC number.)		
transport channel <u>- SCCPCH TFCS</u> <u>- CHOICE TFCI signalling</u>	<u>(This IE is repeated for TFC number.)</u> Normal		
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information	<u>(This IE is repeated for TFC number.)</u> Normal		
transport channel - SCCPCH TFCS - CHOICE TFCI signalling - TFCI Field 1 information	<u>(This IE is repeated for TFC number.)</u> Normal		
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE CTFC representation	(This IE is repeated for TFC number.) Normal		
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE CTFC representation  - TFCS complete reconfigure information	( <u>This IE is repeated for TFC number.)</u> Normal Complete		
transport channel  - SCCPCH TFCS  - CHOICE TFCI signalling  - TFCI Field 1 information  - CHOICE CTFC representation  - TFCS complete reconfigure information  - CHOICE CTFC Size	( <u>This IE is repeated for TFC number.)</u> <u>Normal</u> <u>Complete</u>		

- CTFC information	Refer to TS34.108 clause 6.10.3.4 Parameter Set		
- Power offset information	Not Present		
- CHOICE DL parameters	Independent		
- DL DCH TFCS	Not Present		
Frequency info			
- UARFCN uplink(Nu)	Reference to TS34.108 clause 6 Parameter Set		
- UARFCN downlink(Nd)	Reference to TS34.108 clause 6 Parameter Set		
Maximum allowed UL TX power	30dBm		
CHOICE channel requirement	Not Present		
Downlink information common for all radio links	Not Present		
Downlink information for each radio link list			
<ul> <li>Downlink information for each radio link</li> </ul>			
- Choice mode	TDD		
- Primary CPICH info	Set to the default value of cell 1.		
- PDSCH with SHO DCH info	Not Present		
- PDSCH code mapping	Not Present		
<ul> <li>Downlink DPCH info for each RL</li> </ul>	Not present		
- Secondary CCPCH info			
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>	Primary CPICH may be used		
<ul> <li>Secondary CPICH info</li> </ul>	Not Present		
<ul> <li>Secondary scrambling code</li> </ul>	Not Present		
- STTD indicator	FALSE		
<ul> <li>Spreading factor</li> </ul>	Reference to clause 6 Parameter Set		
<u>- Code number</u>	SF-1(SF is reference to clause 6 Parameter Set)		
<ul> <li>Pilot symbol existence</li> </ul>	FALSE		
<u>- TFCI existence</u>	TRUE		
<ul> <li>Fixed or Flexible position</li> </ul>	Flexible		
<u>- Timing offset</u>	<u>0</u>		
<ul> <li>References to system information blocks</li> </ul>	Not present		

### Contents of RRC STATUS message: AM

Information Element	Value/remark	
Message Type		
Integrity check info	The presence of this IE is dependent on IXIT statements	
	in TS 34.123-2. If integrity protection is indicated to be	
	active, this IE shall be present with the values of the sub	
	IEs as stated below. Else, this IE and the sub-IEs shall	
	be absent.	
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is	
	compared against the XMAC-I value computed by SS.	
- RRC Message sequence number	This IE is checked to see if it is present. The value is	
	used by SS to compute the XMAC-I value.	
Identification of received message	Not Present	
- Received message type		
- RRC transaction identifier		
Protocol error information		
- Protocol error cause	Value will be checked.	

### Contents of SECURITY MODE FAILURE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if the value is the identical to the same IE
	in the downlink SECURITY MODE COMMAND message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Failure cause	Value will be checked

## Contents of TRANSPORT CHANNEL RECONFIGURATION message: AM or UM

Information Element	Condition	Value/remark
Message Type	<u>A1, A2, A3,</u>	
	<u>A4, A5, A6</u>	
RCC transaction identifier		Arbitrarily selects an integer between 0 and 3 The presence of this IE is dependent on IVIT
		statements in TS 34,123-2. If integrity
		protection is indicated to be active, this IE is
		present with the values of the sub IEs as
		stated below. Else, this IE and the sub-IEs
manage authentigation and		are omitted.
- message aumentication code		message and writes to this IF
- RRC message sequence number		SS provides the value of this IE, from its
		internal counter.
Integrity protection mode info		Not Present
Ciphering mode into		Not Present (256+CENL/CENLMOD 8 + 8))MOD 256
	A1, A2, A3, A4	
Activation time	<u>A5, A6</u>	Not Present
New U-RNTI		Not Present
New C-RNTI	<u>A1, A2, A3,</u>	Not Present
New C DNT	<u>A4</u>	
New DSCH-RNTI	<u>AD, AD</u>	<u>1010 1010 1010 1010</u> Not Present
	A4, A5, A6	Nothiesent
RRC State indicator	A1, A2, A3,	CELL_DCH
	<u>A4</u>	
RRC State indicator	<u>A5, A6</u>	CELL DCH should this be CELL FACH ???
		because it indicates the state that is to be
LITRAN DRX cycle length coefficient		entered. Not Present
CN information info		Not Present
URA identity		Not Present
Downlink counter synchronisation info		Not Present
UL Transport channel information for all transport	<u>A1, A2, A3,</u>	
<u>channels</u>	<u>A4</u>	Not Present
- CHOICE mode		
- Individual UL CCTrCH information		
- TFCS ID		1
- Shared channel indicator		FALSE
- UL IFCS		Normal
- TECL Field 1 information		Normai
- CHOICE TFCS representation		Addition
- TFCS addition information		
- CHOICE CTFC Size		Refer to TS34.108 clause 6.10.3.4
- CIFC information		Reter to 1S34.108 clause 6.10.3.4 Parameter
- TEC subset		
- CHOICE Subset representation		Allowed transport format combination list
- Allowed Transport Format combination list		Refer to TS34.108 clause 6 Parameter Set
UL Transport channel information for all transport	<u>A5, A6</u>	
<u>channels</u>		
- CHOICE TECI signalling		Normal
- TFCI Field 1 information		
- CHOICE TFCS representation		Addition
- TFCS addition information		
- CHOICE CTFC Size		Refer to TS34.108 clause 6.10.3.4
		Refer to 1534.108 clause 6.10.3.4 Parameter
- CHOICE mode		TDD
- Individual UL CCTrCH information		Not Present
Added or Reconfigured UL TrCH information	<u>A1, A2, A3,</u>	
	<u>A4</u>	
- Uplink transport channel type		DCH
---	----------------------	--
- UL Transport channel identity		5
<u>- TFS</u>		
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport format information		(This IE is repeated for TFI number)
- RLC Size		Reference to 1S34.108 clause 6 Parameter
Number of TDe and TTLL ist		<u>Ser</u> (This IF is repeated for TFI number)
- Number of TBS and TTT LISt		(This IE is repeated for TFT humber.)
- Hansmission Time Interval		Not Flesenic Reference to TS34 108 clause 6 Parameter
		Set
- CHOICE Logical Channel List		ALL
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6 Parameter
		Set
- Type of channel coding		Reference to TS34.108 clause 6 Parameter
		Set
- Coding Rate		Reference to TS34.108 clause 6 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6 Parameter
		<u>Set</u>
<u>- CRC size</u>		Reference to TS34.108 clause 6 Parameter
		<u>Set</u>
Added or Reconfigured UL TrCH information	<u>A4</u>	2011
<ul> <li>Uplink transport channel type</li> </ul>		DCH
- UL Transport channel identity		1
- IFS		
<u>- CHOICE Transport channel type</u>		Dedicated transport channels (This IF is non-seted for TFL surshar)
- Dynamic Transport format information		(This IE is repeated for TFT number)
- RLC 5120		Reference to 1534.106 clause 6 Parameter
- Number of TBs and TTLList		<u>OEL</u> (This IF is repeated for TEL number.)
- Transmission Time Interval		Not Present
- Number of Transport blocks		Reference to TS34 108 clause 6 Parameter
		Set
- CHOICE Logical Channel list		ALL
- Semi-static Transport Format information		
- Transmission time interval		Reference to TS34.108 clause 6 Parameter
		Set
<ul> <li>Type of channel coding</li> </ul>		Reference to TS34.108 clause 6 Parameter
		<u>Set</u>
- Coding Rate		Reference to TS34.108 clause 6 Parameter
		<u>Set</u>
<ul> <li>Rate matching attribute</li> </ul>		Reference to TS34.108 clause 6 Parameter
		Set
<u> </u>		Reference to 1S34.108 clause 6 Parameter
DI Transment also and information and an all	44 40 40	Set
	$A_1, A_2, A_3, A_4$	
	<u>714</u>	Not Present
- CHOICE mode		
- Individual DL CCTrCH information		
- DL TECS Identity		
- TFCS ID		1
- Shared Channel Indicator		FALSE
- CHOICE DL parameters		Independent
- DL TFCS		
- CHOICE TFCI signalling		Normal
- TFCI Field 1 Information		
- CHOICE TFCI representation		Addition
- TFCS addition information		
- CHOICE CTFC size		Refer to TS34.108 clause 6.10.3.4
- CTFC information		Refer to TS34.108 clause 6.10.3.4 Parameter
		<u>Set</u>
DL Transport channel information common for all	<u>A5, A6</u>	
transport channel		
- SCCPCH IFCS		Not Present

		<u>IDD</u>
- Individual DL CC I rCH Information		Not Present
Added or Reconfigured DL TrCH information	<u>A1, A2</u>	
<ul> <li>Downlink transport channel type</li> </ul>		DCH
<ul> <li>DL Transport channel identity</li> </ul>		<u>10</u>
<ul> <li>CHOICE DL parameters</li> </ul>		Same as UL
<ul> <li>Uplink transport channel type</li> </ul>		DCH
- UL TrCH Identity		5
- DCH quality target		
- BLER Quality value		-6.3
- Transparent mode signalling info		Not Present
Added or Reconfigured DL TrCH information	A2 A4	
Added of Reconfigured DL Treffillionation	<u>A3, A4</u>	DCH
- Downink transport channel type		
- DL Transport channel identity		$\frac{10}{10}$
- CHOICE DL parameters		Independent
<u>- TFS</u>		
<ul> <li>CHOICE Transport channel type</li> </ul>		Dedicated transport channels
<ul> <li>Dynamic Transport format information</li> </ul>		(This IE is repeated for TFI number)
- RLC Size		Reference to TS34.108 clause 6 Parameter
		Set
- Number of TRs and TTLList		(This IF is repeated for TFI number.)
Transmission Time Interval		Not Present
		Deference to TS24 400 clouise C Decementary
- Number of Transport blocks		Reference to 1534.108 clause 6 Parameter
		Set
- CHOICE Logical Channel list		ALL
<ul> <li>Semi-static Transport Format information</li> </ul>		
<ul> <li>Transmission time interval</li> </ul>		Reference to TS34.108 clause 6 Parameter
		Set
- Type of channel coding		Reference to TS34.108 clause 6 Parameter
		Set
- Coding Rate		Reference to TS34 108 clause 6 Parameter
		Sot
Poto motohing attributo		Deference to TS24 109 clause 6 Decemptor
		Reference to 1334.100 clause o Parameter
		Set De la Topi de la De
<u> </u>		Reference to 1534.108 clause 6 Parameter
		Set
<ul> <li>DCH quality target</li> </ul>		
<ul> <li>BLER Quality value</li> </ul>		<u>-6.3</u>
<ul> <li>Transparent mode signalling info</li> </ul>		Not Present
Added or Reconfigured DL TrCH information	A4	
- Downlink transport channel type		DCH
- DL Transport channel identity		6
- CHOICE DL parameters		
TES		
		Dedicated transport shappala
<u>- CHOICE Transport formation</u>		(This IF is repeated for TFL sumber)
- Dynamic Transport format Information		(This IE is repeated for TFT number)
- RLC Size		Reference to 1S34.108 clause 6 Parameter
		Set
<ul> <li>Number of TBs and TTI List</li> </ul>		(This IE is repeated for TFI number.)
<ul> <li>Transmission Time Interval</li> </ul>		Not Present
<ul> <li>Number of Transport blocks</li> </ul>		Reference to TS34.108 clause 6 Parameter
		Set
- CHOICE Logical Channel list		ALL
- Semi-static Transport Format information		<b></b>
- Transmission time interval		Reference to TS34,108 clause 6 Parameter
		Set
- Type of channel coding		Reference to TS3/ 108 clause 6 Parameter
		Sat
Coding Pote		Deference to TS24 400 clouise C Decemptor
		Reference to 1534.108 clause 6 Parameter
		Set
<ul> <li>Rate matching attribute</li> </ul>		Reference to IS34.108 clause 6 Parameter
		<u>Set</u>
- CRC size		Reference to TS34.108 clause 6 Parameter
		Set
- DCH quality target		
- BLER Quality value		-6.3
- Transparent mode signalling info		Not Present
	1	

Frequency info		
		TDD
<u> </u>		Reference to TS34.108 clause 6
Maximum allowed UL TX power		30dBm
	$\underline{A1, A2, A0,}$	
	<u>A4</u>	
-Uplink DPCH power control info		
- CHOICE mode		TDD
- UI_Target SIR		Refrence to TS34 108
		Individually signalled
- CHOICE TDD option		1.28 MCps TDD
<u> </u>		<u>1</u>
- Primary CCPCH Tx Power		Reference to TS34.108
- CHOICE mode		
Liplink Timing Advance Control		Not Present
		NOLFIESEIIL
- UL CCTrCH List		
- TFCS ID		1
- Time info		
- Activation time		$(256 \pm CEN) = (CEN) \mod 8 \pm 8) \mod 256$
<u> </u>		
- Duration		Infinite
<u> </u>		
- 2 <sup>nd</sup> interleaving mode		Reference to TS34.108 clause 6 Parameter
		Set
TECLooding		Deference to TS24 109 clause & Deremeter
- TFCT coulling		Reference to 1534.106 clause 6 Parameter
		Set
- Repetition Period		1
- Repetition Length		Empty
Linlink DPCH timeslets and codes		<u>empty</u>
<u>- Opinik DF CIT linesiots and codes</u>		
- First timeslot information		
- CHOICE TDD option		<u>1.28 Mcps</u>
- Timeslot number		The number of an uplink timeslot that has
		unassigned codes
TECI evietence		
- IFCI existence		IRUE
<ul> <li>Midamble shift and burst type</li> </ul>		
- CHOICE TDD option		1.28 Mcps
- Midamble Allocation Mode		Default
- Midamble configuration		16
		10 1.00 Mars
- CHOICE IDD option		<u>1.28 Mcps</u>
- Modulation		QPSK
- SS-TPC Symbols		1
- First timeslot code list		Repeated (1.2) for each code that is assigned
		within the timeslet
- Channelisation Code		(I/SF) where I denotes the number of the
		assigned code and SF is specified in
		TS34.108 clause 6 Parameter Set.
- CHOICE more timeslots		The presence of this IE depends on number
		the presence of this in TO24 400 section C
		or resources specified in 1834.108 section 6
		and whether they are assigned in more than
		one slot.
CHOICE Mode		TDD
Downlink information common for all radio linka		
DOWNINK INFORMATION COMMON TOT AN TAULO INKS	<u>A1, A2, A3,</u>	
	<u>A4</u>	
<ul> <li>Downlink DPCH info common for all RL</li> </ul>		
- Timing indicator		Maintain
- CEN-targetSEN frame offset		Not Present
Downlink DDCH nower control information		Not resent
- Downlink DPCH power control information		
-CHOICE mode		<u>IDD</u>
-TPC Step Size		1
- CHOICE mode		
CHOICE mode		TDD
- CHOICE IDD option		1.28 Mcps
- TSTD indicator		IRUE
<ul> <li>Default DPCH Offset Value</li> </ul>		0
Downlink information for each radio link list	A1, A2, A3	
	$\frac{1}{\sqrt{4}}$	
	<u>A4</u>	
<ul> <li>Downlink information for each radio links</li> </ul>		
- CHOICE mode		TDD
- Primary CCPCH info		

- CHOICE mode		TDD
- CHOICE TDD option		1.28 Mcps
- TSTD indicator		FALSE
- Cell parameters ID		0
- Block STTD indicator		FALSE
- Downlink DPCH info for each RI		
- CHOICE mode		חחד
		1
<u> </u>		
- Activation time		(250+CFN-(CFN WOD 8 + 8))WOD 256
		Infinite
<u>- Common timeslot info</u>		
- 2 <sup>nd</sup> Interleaving mode		Reference to TS34.108 clause 6
-TFCI coding		Reference to TS34.108 clause 6
- Puncturing limit		Reference to TS34.108 clause 6
- Repetition period		1
- Repetition length		Empty
- Downlink DPCH timeslots and codes		
- Individual timeslot info		
- Timeslot number		The number of a downlink timeslot that has
		unassigned codes
TECI evietence		
- IFCI existence		IRUE
- Midamble shift and burst type		
- CHOICE IDD option		1.28 Mcps
<ul> <li>Midamble allocation mode</li> </ul>		<u>Default</u>
<ul> <li>Midamble configuration</li> </ul>		<u>16</u>
- CHOICE TDD option		1.28 Mcps TDD
- Modulation		QPSK
- SS-TPC Symbols		1
- First timeslot channelisation codes		-
- First channelisation code		(i/SF) where i is the lowest numbered code
		assigned within the slot and SE is specified in
		the TS34 108 clause 6 Parameter Set
Last channelisation code	I	(i/SE) where i is the highest numbered code
		(//SF) where is the timester numbered code
		assigned in the timesiot.
<u>Bitmap</u>		Bitmap of codes assigned in the timeslot.
- CHOICE more timeslots		<u>The presence of this IE depends upon the</u>
		number of resources required by the
		TS34.108 clause 6 Parameter Set and
		whether thay are allocated in more than one
		slot.
- Secondary CCPCH info		Not Present
Downlink information for each radio link list	A5, A6	
- Downlink information for each radio link	<u></u>	
- Choice mode		חחד
Primary CCPCH info		Set to the default value of call 1
		1.00 Mana TDD
- ISID indicator		
- Cell parameters ID		<u>0</u>
<ul> <li>Block STTD indicator</li> </ul>		TRUE
<ul> <li>Downlink DPCH info for each RL</li> </ul>		Not present
- SCCPCH information for FACH		Not present

	<b>Condition</b>	Explanation
<u>A1</u>		This IE need for "Non speech in CS"
<u>A2</u>		This IE need for "Speech in CS"
A3		This IE need for "Packet to CELL_DCH from CELL_DCH in PS"
A4		This IE need for "Packet to CELL DCH from CELL FACH in PS"
A5		This IE need for "Packet to CELL_FACH from CELL_DCH in PS"
<mark>A6</mark>		This IE need for "Packet to CELL_FACH from CELL_FACH in PS"

## Contents of TRANSPORT CHANNEL RECONFIGURATION COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
	the downlink TRANSPORT CHANNEL
	RECONFIGURATION message
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall
	be absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked
CHOICE mode	TDD
- CHOICE TDD option	<u>1.28 Mcps</u>
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM and
	(b) UE is transiting to CELL DCH state after the
	reconfiguration procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	Not checked
Uplink counter synchronisation info	Not checked

### Contents of TRANSPORT FORMAT COMBINATION CONTROL message: AM or UM (in CELL\_DCH)

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
- RRC Message sequence number	SS provides the value of this IE, from its internal counter.
CHOICE mode	TDD
<u> </u>	<u>1</u>
<ul> <li>Shared Channel Indicator</li> </ul>	FALSE
DPCH TFCS in Uplink	
- Minimu allowed Transport format combination index	0 (The TFC is constructed from ALL TF0)

## Contents of UE CAPABILITY ENQUIRY message: AM or UM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Capability update requirement	
<ul> <li>UE radio access FDD capability update requirement</li> </ul>	FALSE
<ul> <li>UE radio access 3.84 Mcps TDD capability update</li> </ul>	FALSE
<u>requirement</u>	
<ul> <li>UE radio access 1.28 Mcps TDD capability update</li> </ul>	TRUE
<u>requirement</u>	
<ul> <li>System specific capability update requirement list</li> </ul>	UE only supports 1 system
<ul> <li>System specific capability update requirement</li> </ul>	GSM

## Contents of UE CAPABILITY INFORMATION message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
	the downlink UE CAPABILITY ENQUIRY message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
<u>UE radio access capability</u>	Value will be checked. Stated capability must be
	compatible with 34.123-2 (ICS statements) and the user
	<u>settings</u>
<ul> <li>Access stratum release indicator</li> </ul>	
- PDCP Capability	
- RLC Capability	
- Transport channel capability	
- RF Capability	
- Physical channel capability	
<u>- UE multi-mode/multi-RAT capability</u>	
- Security capability	
- UE positioning capability	
- ivieasurement capability	
UE system specific capability	
-Inter-RATUE radio access capability	Choice and value will be checked. UE must include the
	classmark information for the supported RAI

## Contents of UE CAPABILITY INFORMATION CONFIRM message: UM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Set to the same value as received in the UE CAPABILITY
	INFORMATON message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.

## Contents of URA UPDATE message: TM

Information Element	Value/remark
Message Type	
- SRNC identity	0000 0000 0001B
<u>- S-RN11</u> <u>RRC transaction identifier</u>	<u>Checked to see if it is absent</u>
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	absent.
- Message authentication code	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is
	used by SS to compute the XMAC-I value.
URA update cause	See the test content
Protocol error indicator	Checked to see if it is absent or set to 'FALSE'
Protocol error information	Checked to see if it is absent

## Contents of URA UPDATE CONFIRM message: UM

Information Element	Value/remark
Message Type	
<u>U-RNTI</u>	If this message is sent on CCCH, use the following
	values. Else, this IE is absent.
- SRNC identity	<u>0000 0000 0001B</u>
<u> </u>	<u>0000 0000 0000 0000 0001B</u>
RRC transaction identifier	Arbitrarily selects and integer between 0 and 3
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
- RRC message sequence number	SS provides the value of this IE, from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	Not Present
New U-RNTI	Not Present
New C-RNTI	Not Present
RRC state indicator	<u>URA_PCH</u>
UTRAN DRX cycle length coefficient	3
CN information info	Not Present
URA identity	See the test content
Downlink counter synchronisation info	Not Present

## 9.2 Default Message Contents for RF

This clause contains the default values of common messages for RF test. The parameters of the UL/DL reference measurement channel 12.2kbps and UE test loop mode 1 without Dummy DCCH transmission are set to default message contents.

### Contents of Activate RB Test Mode message

Information Element	Value/remark
Protocol discriminator	F (Length 1/2)
Skip indicator	0 (Length 1/2)
Message Type	44h

## Contents of Close UE Test Loop message

Information Element	Value/remark
Protocol discriminator	F (Length 1/2)
Skip indicator	0 (Length 1/2)
Message Type	40h
UE test loop mode	00h
UE test loop mode 1 LB setup	03h 00h F4h 0Ah

## Contents of Open UE Test Loop message

Information Element	Value/remark
Protocol discriminator	F (Length 1/2)
Skip indicator	0 (Length 1/2)
Message Type	42h

## Contents of PAGING TYPE 1 message: TM (CS)

Information Element	Value/remark
Message Type	
Paging record list	
-Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Streaming Call
- CN domain identity	CS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

## Contents of PAGING TYPE 1 message: TM (PS)

Information Element	Value/remark
Message Type	
Paging record list	
-Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Interactive Call
- CN domain identity	PS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

## Contents of RADIO BEARER SETUP message: AM or UM

Information Element	Condition	N Value/remark	
Message Type	A1,A3		
RRC transaction identifier		Arbitrarily selects an integer between 0 and 3	
Integrity check info		The presence of this IE is dependent on IXIT	
		statements in TS 34.123-2. If integrity	
		protection is indicated to be active, this IE is	
		present with the values of the sub IEs as	
		stated below. Else, this IE and the sub-IEs are	
		omitted.	
- message authentication code		SS calculates the value of MAC-I for this	
		message and writes to this IE.	
- RRC message sequence number		SS provides the value of this IE, from its	
		internal counter.	
Integrity protection mode info		Not Present	
Ciphering mode info		Not Present The presence of this IE is	
		dependent on IXIT statements in TS 34.123-2.	
		If ciphering is indicated to be active, this IE	
		present with the values of the sub IEs as	
		stated below. Else, this IE is omitted.	
<ul> <li>Ciphering mode command</li> </ul>		Start/restart	
		Use one of the supported ciphering algorithms	
<ul> <li>— - Ciphering activation time for DPCH</li> </ul>		(256+CFN-(CFN MOD 8 + 8))MOD 256	
		Not Present	
info			
Activation time		(256+CFN-(CFN MOD 8 + 8))MOD 256	
New U-RNII		Not Present	
New C-RNTI		Not Present	
New DSCH-RNII		Not Present	
RRC State indicator		CELL_DCH	
UTRAN DRX cycle length coefficient		Not Present	
		Not Present	
URA identity		Not Present	
Signalling RB information to setup		Not Present	
RAB information for setup list	AI		
PAR info			
- KAD IIIO BAB identity		0000 0001P	
- RAD identity CNI domain identity		CS domain	
- NAS Synchronization Indicator		Not Present	
- Re-establishment timer		LieoT31/	
- RB information to setup list		0301014	
- RB information to setup			
		10	
- PDCP info		Not Present	
- CHOICE RI C info type		RLC info	
- CHOICE Uplink RLC mode		TMRLC	
- Transmission RLC discard		Not Present	
- Segmentation indication		FALSE	
- CHOICE Downlink RLC mode		TMRLC	
- Segmentation indication		FALSE	
- RB mapping info			
- Information for each multiplexing option			
- RLC logical channel mapping indicator		Not Present	
- Number of uplink RLC logical channels		1	
Uplink transport channel type		DCH	
UL Transport channel identity		1	
Logical channel identity		Not Present	
- CHOICE RLC size list		Configured	
- MAC logical channel priority		4 <u>7</u>	
<ul> <li>Downlink RLC logical channel info</li> </ul>			
Number of downlink RLC logical channels		1	
Downlink transport channel type		DCH	
DL DCH Transport channel identity		6	
DL DSCH Transport channel identity		Not Present	
Logical channel identity		Not Present	

Information Element	Condition	Value/remark
RAB information for setup list	A3	
- RAB information for setup		
- RAB info		
- RAB identity		0000 0101B
- CN domain identity		PS domain
- NAS Synchronization Indicator		Not Present
- Re-establishment timer		UseT314
- RB information to setup list		
- RB information to setup		
- RB identity		20
- PDCP info		Not Present
- CHOICE RLC info type		RLC info
- CHOICE Uplink RLC mode		AM RLC
- Transmission RLC discard		
CHOICE SDU discard mode		No DiscardMax DAT retransmissions
- MAX DAT		154
		100
		4
- Transmission window size		128 <del>8</del>
- Timer RST		500
- Max RST		4
- Polling info		
- Timer poll prohibit		200
- Timer poll		200
- Poll PDU		Not Present
- Poll SDU		1
- Last transmission PDU poll		TRUE
- Last retransmission PDU poll		TRUE
- Poll Windows		99
- Timer_poll_periodic		Not Present
- CHOICE Downlink RLC mode		AM RLC
- In-sequence delivery		TRUE
- Receiving window size		128
- Downlink RLC status info		
- Timer_status_prohibit		200
Timer_EPC		200
- Missing PDU indicator		TRUE
- Timer STATUS periodic		Not Present
RB mapping info		
Information for each multiplexing option		2RBMuxOptions
RLC logical channel mapping indicator		Not Present
- Number of uplink RLC logical channels		1
Oplink transport channel type		
UL Transport channel identity		1 Not Descent
- Logical channel identity		Not Present
- CHOICE RLC size list		Configured
MAC logical channel priority		- <u>+</u> 8
		1
Number of downlink RLC logical channels		
DL DCH Transport channel identity		
- DL DCH Transport channel identity		0 Not Present
DL DSCH Transport channel identity		Not Present
Euglical channel menning indicator		Not Present
<u> RLC logical channel</u>		1
Unlink transport channel type		RACH
- III Transport channel identity		Not Present
- Logical channel identity		7
- CHOICE RLC size list		Configured
- MAC logical channel priority		6
- Downlink RLC logical channel info		
- Number of downlink RLC logical channels		1
- Downlink transport channel type		FACH
DL DCH Transport channel identity		Not Present
- DL DSCH Transport channel identity		Not Present
- Logical channel identity		Not Present
RB information to be affected list	A1.A3	Not Present

Information Element	Condition	Value/remark
Downlink counter synchronisation info		Not Present
III Transport channel information for all transport	Δ1 Δ3	
channels	A1,A3	
		Not Procent
CHOICE mode		
		FDD Not Present
		Not Present
- CHOICE TECI signalling		Normal
- IFCI Field 1 information		
<ul> <li>CHOICE TFCS representation</li> </ul>		Complete reconfiguration
<ul> <li>TFCS complete reconfigure information</li> </ul>		
- CHOICE CTFC Size		ctfc2Bit2 bit CTFC
- ctfc2BitCTFC information		4 <u>TFCs</u>
- ctfc22bit CTFC		0
-powerOffsetInformationPower offset		
Information(OP)		
-gainFactorInformation CHOICE Gain		Computed Gain Factors
Factors		
		Δ
- Reference TEC ID		
		EDD
- Power offset P		Not Present
2bit CTEC atfo2		2
2Dil CTPC <del>ollC2</del>		2
- Power offset		
InformationpowerOffsetInformation(OP)		
gainFactorInformation_CHOICE Gain		Computed_Gain_Factors
Factors		
-computedGainFactors		θ
Reference TFC ID		0
- CHOICE mode		FDD
- Power offset Pp-m		Not Present
- 2bit CTFC <del>ctfc2</del>		1
- Power offset		
InformationpowerOffsetInformation(OP)		
-gainFactorInformation CHOICE Gain		Computed Gain Factors
Factors		
		Δ
- Reference TEC ID		0
- CHOICE mode		FDD
- Power offset Par		Not Present
- 2hit CTEC otfo2		3
Power offset		5
Intornation-poweronsetimormation(OF)		Signalled Cain Fasters
		Signalled_Gall_Factors
Factors		500
- CHOICE mode		FDD
-signalledGainFactors		
-modeSpecificInto		tdd
- <del>fdd</del>		
Gain factor ßc		8
Gain factor ßd		15
- Reference TFC ID		0
- CHOICE mode		FDD
- Power offset Po-m		Not Present
Deleted UL TrCH information list		Not Present
Added or Reconfigured UL TrCH information list	A1. A3	1
- Added or Reconfigured LIL TrCH information-ul-	,	1
AddReconfTransChinfol.ist		
- Unlink transport channel type		DCH
- III Transport channel identity		1
CHOICE Transport shannel time		Dedicated transport channels
- CHOICE Transport channel type		Dedicated transport channels
- Dynamic Transport Format Information		
<u> </u>		<u>244 bits</u>
- Number of TBs and TTI List		2
- Transmission Time Interval		Not Present
- Number of Transport blocks		0

Information Element	Condition	Value/remark
- Transmission Time Interval	Condition	Not Present
- Number of Transport blocks		1
- CHOICE Logical Channel List		Â
- Semi-static Transport Format Information		
- Transmission time interval		20
- Type of channel coding		
- Coding Rate		1/3
- Rate matching attribute		256
- CRC size		16
		# <u>120</u>
- <u>+tti20</u>		4
-DedicatedDynamicTE-Info		
- RLC size		BitMode
- BitMode		sizeType2
-sizeType2		((Part1*8)+128+Part2=244hit)
-Part1		14
-Part2		4
-numberOfThSizeList		2
-NumberOfTransportBlocks		
-NumberOfTransportBlocks		one
		allSizes
allSizes		
-semistaticTF-Information		
		convolutional
-convolutional		third
- Rate matching attribute		256
- CRC size		- <del>16</del>
CHOICE mode	A1, A3	FDD
- CPCH set ID		Not Present
- Added or Reconfigured TrCH information for DRAC		Not Present
list		
DL Transport channel information common for all	A1,A3	
		Net Dresent
- SUCPUT IFUS		FDD
- CHOICE DL parameters		Same as UI
Deleted DL TrCH information list	A1.A3	Not Present
Added or Reconfigured DL TrCH information list	,	1
<u>- Added or Reconfigured DL TrCH information-dl-</u>		4
AddReconfTransChInfoList(OP)		
<ul> <li>Downlink transport channel type</li> </ul>		DCH
- DL Transport channel identity		6
- CHOICE DL parameters		Same as UL
- Uplink transport channel type		
- DCH quality target		
- BLER Quality value		-2.0 <del>-6.3</del>
- Transparent mode signalling info		Not Present
Frequency info	A1,A3	Not Present
		Reference to clause 5.1 Test frequencies
		Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power		33dBm
-Unucle channel requirement		
		EDD
- DPCCH power offset		-6dB
- PC Preamble		1 frame
- SRB delay		7 frames
- Power Control Algorithm		Algorithm1
- TPC step size		1dB
- CHOICE mode		FDD
- Scrambling code type		Long

Information Element	Condition	Value/remark
- Scrambling code number		0 (0 to 16777215)
- Number of DPDCH		1
- spreading factor		64
TFCI existence		TRUE
Number of FBI bit		Not Present(0)
- Puncturing Limit		1
CHOICE Mode		FDD
- Downlink PDSCH Information		Not Present
Downlink Information common for all radio links	A1,A3	
- Downlink DPCH Into common for all RL		Maintain
- Timing indicator		Nat Present
- CFN-largelSFN frame offset		NOL FIESEIIL
		EDD
- DPC mode		(single)
- CHOICE mode		
		0
- DL rate matching restriction information		Not Present
- Spreading factor		128
- Number of bits for Pilot bits(SE=128.256)		8
- Fixed or Flexible Position		Fixed
- TFCI existence		TRUE
- CHOICE SF		<u>128</u>
<ul> <li>Number of bits for Pilot bits</li> </ul>		<u>8</u>
- CHOICE mode		FDD
- DPCH compressed mode info		Not Present
TX Diversity mode		None
SSDT information		Not Present
- Default DPCH Offset Value		Not Present
Downlink information for each per radio link list	A1,A3	
- Downlink Information for each radio link		EDD
<u>- CHUICE Mode</u>		
- Primary CPICH IIIO		100
		Not Present
- PDSCH code mapping		Not Present
- Downlink DPCH info for each RI		
- CHOICE mode		FDD
- Primary CPICH usage for channel estimation		Primary CPICH may be used
- DPCH frame offset		0 chips
- Secondary CPICH info		Not Present
- DL channelisation code		
- Secondary scrambling code		1
Spreading factor		128
- Code number		0
- Scrambling code change		No change
- TPC combination index		0
- SSDT Cell Identity		Not Present
Closed loop timing adjustment mode		Not Present
- SCCPCH information for FACH		Not Present

Condit	tion	Explanation
A1		This IE is needed for transparent mode. In the case of TX and RX test cases, this IE is selected.
A3		This IE is needed for acknowledged mode.
NOTE: In co	the case of mbination or	Performance Requirement and RRM test cases, A1 or A3 is selected according to the fUL and DL channels or test requirements.

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Contents of RRC CONNECTION RELEASE message: UM

Information Element	Value/remark
Message Type	
U-RNTI	This IE is set to the following value when the message is
	transmitted on the CCCH. When transmitted on DCCH,
- SRNC identity	0000 0000 0001B
- S-RNTI	0000 0000 0000 0000 0001B
RRC transaction identifier	Arbitrarily selects an integer between 0 and 30
Integrity check info	The presence of this IE depends on 2 factors:
	(a) IXIT statements in TS 34.123-2: If integrity protection
	Is indicated to be active, this IE is present with the
	the sub-IEs are omitted
	(b) This IE is present when this message is transmitted on
	downlink DCCH. Else, this IE and the sub-IEs are
	omitted.
- Message authentication code	SS calculates the value of MAC-I for this message and writes to this IE.
- RRC Message sequence number	SS provides the value of this IE, from its internal counter.
N308	2 (for CELL_DCH state). Not Present (for UE in other
	connected mode states).
Release cause	Normal event
RpImn information	Not Present

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Contents of RRC CONNECTION SETUP message: UM

Information Element	Value/remark
Message Type	
Initial UE identity	Select the same identity as in the IE "Initial UE Identity" in
	received RRC CONNECTION REQUEST" message
RRC transaction identifier	Arbitrarily selects an integer between 0 and 30
Activation time	Not Present(Now)
New LERNTI	Not resent(Now)
- SPNC identity	0000 0000 0001B
	0000 0000 0001B
Now C PNTI	Not Present0000 0000 0000 0001B
PPC State Indicator	
LITRAN DRY avala langth apofficient	
Conshility undete requirement	9 Not Dresent
- UE radio access EDD capability update	
requirement	
- UE radio access TDD capability update	FALSE
requirement	
- System specific capability update requirement list	Gsm
Signalling RB information to setup list	<u>4 SRBs</u>
-Signalling RB information to setup	(UM DCCH for RRC)
- RB identity	Not Present4
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	UM RLC
- Transmission RLC discard	Not Present
	Timer based no explicit
——————————————————————————————————————	50
- CHOICE Downlink RLC mode	UM RLC
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RI C logical channel mapping indicator	Not Present
- Number of RI C logical channels	1
- Uplink transport channel type	DCH
- UL Transport channel identity	5
- Logical channel identity	1
- CHOICE BLC size list	Configured
- MAC logical channel priority	1
- Downlink RI C logical channel info	
- Number of RLC logical channels	1
- Downlink transport channel type	
- DL DCH Transport channel identity	10
- DL DSCH Transport channel identity	Not Present
- De Doort transport channel identity	1
- RIC logical channel manning indicator	Not Present
- Number of RLC logical channels	1
- Humber of NEC logical channels	
- Uli Transport channel identity	Not Present
	1
	Configured
- UTUICE NEU SIZE IISI MAC logical channel priority	
	4
- DOWININK KLU IOGICAL CHANNEL INTO	
- Downlink transport channel type	
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	
	Not Present
Signalling RB information to setup	(AM DCCH for RRC)

- RB identity     Not Presential       - CHOICE Uplink RLC mode     AM RLC       - Transmission RLC discard     AM RLC       - Transmission RLC discard     100       - MAX DAT     154       - Transmission window size     128a       - Transmission window size     128a       - Transmission RLC discard     4       - Transmission window size     128a       - Timer_DolL_prohibit     200       - Timer_polL_prohibit     200       - Timer_polL_prohibit     200       - Poll SDU     1       - Last transmission PDU polL     TRUE       - Last transmission PDU polL     TRUE       - CHORCE Downlink RLC datas Info     Not Present       - Timer_status_prohibit     200       - Timer_status_prohibit     200       - Timer_status_prohibit     200       - Timer_status_prohibit     Not Present       - Downlink RLC datas Info     10       - Timer_Status_prohibit     200       - Timer_Status_prohibit     200       - Timer_Status_prohibit     200       - Rocking window size     10       - Hold Ruck Calc datasets     10       - Hold Ruck Calc datasets     10       - Hold Ruck Calc datasets     1       - Downlink RLC status Info     1 <t< th=""><th>Information Element</th><th>Value/remark</th></t<>	Information Element	Value/remark
- CHOICE Fuci info type     - RLC info     - CHOICE Uplink RLC mode     - Transmission RLC discard     - SUD discard mode     - MAX_DAT     - Timer_MRTW     100     - MAX_DAT     - Timer_MRTW     100     - Max_RST     - Max_RST     - Max_RST     - Timer_poll     - Poll_POll     - Foll_POll     -	- RB identity	Not Present <del>2</del>
- RLC info       AM RLC         - CHOICE Uplink RLC mode       No Discontrol Max DAT - rationamilational         - SDU discard mode       154         - Transmission NLC discard       154         - Transmission window size       1283         - Transmission window size       1283         - Transmission POU poll       4         - Poling info       200         - Timer_poll       200         - Timer_poll       200         - Foll SDU       1         - Last retransmission PDU poll       1         - Last retransmission PDU poll       TRUE         - CHOICE Downlink RLC mode       Not Present         - CHOICE Downlink RLC datus info       128         - Timer_status_prohibit       200	- CHOICE RLC info type	
- CHOICE Uplink RLC mode     - Transmission RLC discard     - SUD discard mode     - MAX_DAT     - Transmission RLC discard     - MAX_DAT     - Transmission RLC discard     - MAX_DAT     - Transmission window size     - Timer_RST     - MaxRST     - MaxRST     - Timer_poll     - Tomer_poll     - Tomer_poll     - Tomer_poll     - Tomer_poll     - Poll_SUU     - Poll_POU     - Not Present     - CHOICE Downlink RLC mode     - MAX_LC     - Transport channel identity     - Mitige a channel specific     - Mode and multiplexing option     - RLC logical channel identity     - Uplink transport channel identity     - Uplice RLC size list     - CHOICE RLC sistent lidentity     - Dizerdit channel identity     - Dizerdit c	- RI C info	
Transmission RLC discard     SDU discard mode     AdX DAT     SDU discard mode     AdX DAT     If the addition of the addit addition of t	- CHOICE Unlink RI C mode	AMRIC
	- Transmission PLC discard	AWINES
- BOD XB, DAT     - Transel, ARW     - Transel, ARW     - Transmission window size     - Transmission POU poll     - Transmission POU poll     - Transmission POU poll     - Transmission POU poll     - TRUE     - Poll, SDU     - Foll, SDU     - Foll, SDU     - Foll, SDU     - Transmission POU poll     - Receiving window size     - Poll, SDU     - Foll, SDU     - Fol	SDLL disport mode	No Discord May DAT retransmissions
- MAX_DA1     - MAX_DA1     - MAX_DA1     - MaxARRM     4     - MaxARRM     4     - MaxARRM     4     - Transmission window size     - Timer, RST     500     - Max, RST     4     - Poiling info     - Timer_poll_prohibit     200     - Edit PDU     Not Present     - Poll     Poll     POU     - Poll     Poll     POU     - Poll     Poll     Poll     POU     - Poll		The Discalution of the second
		154
- Transmission window size         1288           - Timer, RST         500           - Max, RST         500           - Max, RST         4           - Polling info         200           - Timer, poll         200           - Foll, PDU         Not Present           - Poll, PDU         Not Present           - Poll, PDU         1           - Last transmission PDU poll         TRUE           - Last transmission PDU poll         TRUE           - Poll_Vindows         99           - Timer poll periodic         Not Present           - CHOICE Downlink RLC mode         AM RLC           - Insequence delivery         TRUE           - Receiving window size         128           - Downlink RLC status info         128           - Timer, Status, prohibit         200           - Number of RLC logical channels         1           - Uplink transport channel type         DCH           - Ulu Transport channel type         DCH           - Uplink transport channel type         DCH           - UDGCH Transport chan		
- Iransmission window size     1224       - Timer_RST     500       - Max, RST     4       - Polling info     200       - Timer_poll_prohibit     200       - Poll SDU     Not Present       - Poll SDU     1       - Last transmission PDU poll     TRUE       - Poll Vindows     99       - Timer_poll_prohibit     Not Present       - Poll Vindows     99       - Timer_poll_prohibit     Not Present       - CHOICE Downlink RLC mode     AM RLC       - Insequence delivery     TRUE       - Receiving window size     128       - Downlink RLC status info     128       - Timer_status_prohibit     200       - Timer_status_prohibit     200       - Timer_STATUS_periodic     Not Present       - Timer_STATUS_periodic     Not Present       - Number of RLC logical channel identity     5       - Logical channel mapping indicator     Not Present       - U Transport channel type     DCH       - U Transport channel type     DCH       - U Downlink RLC logical channel identity     2       - Downlink RLC logical channel identity     1       - Digical channel identity     1       - Digical channel identity     1       - Digical channel identity     1		4
- Timer_RST     500       - Max_RST     4       - Polling info     200       - Timer_poll     200       - Poll PDU     Not Present       - Poll SDU     1       - Last transmission PDU poll     TRUE       - Poll CE Downink RLC mode     AM RLC       - Insequence delivery     TRUE       - Receiving window size     128       - Obwnlink RLC stus info     700       - Timer_STUS periodic     Not Present       - Information for each multiplexing option     2 RBMuxOptions       - RLC logical channel mapping indicator     1       - Uprink transport channel type     DCH       - UL Transport channel identity     5       - Logical channel identity     2       - Downlink RLC logical channel identity     1       - Durblink transport channel identity     1       - Durblink transport channel identity     2       - Downlink kLC logical channel identity     1       - Downlink kLC logical channel identity     1	- Transmission window size	<u>128</u> 8
- Max_RST     4       - Pollig info     200       - Timer_poll_prohibit     200       - Poll_SDU     1       - Last transmission PDU poll     TRUE       - Last transmission PDU poll     TRUE       - Poll_SDU     1       - Last transmission PDU poll     TRUE       - Poll_Windows     99       - Timer_poll_periodic     Not Present       - CHOICE Downlink RLC mode     AM RLC       - In-sequence delivery     TRUE       - Receiving window size     128       - Downlink RLC status info     128       - Timer_status_prohibit     200       - Timer_TEPC     Nat Present240       - Missing PDU indicator     TRUE       - Timer_STATUS_beriddic     Not Present240       - Timer_Status_prohibit     200       - Timer_STATUS_beriddic     Not Present       - Number of RLC logical channels     1       - Uprimer_STATUS_beriddic     Not Present       - Number of RLC logical channels     1       - UUT ransport channel identity     5       - Logical channel identity     2       - Obwnlink RLC logical channels     1       - Downlink RLC logical channels     1       - Downlink RLC logical channel identity     2       - Downlink RLC logical channels     1   <	- Timer_RST	500
- Folling info     200       - Timer, poll     200       - Real-SDU     Not Present       - Poll - FOU     Not Present       - Last transmission PDU poll     TRUE       - Last transmission PDU poll     TRUE       - Last transmission PDU poll     TRUE       - Poll_Windows     99       - CHOICE Downlink RLC mode     AM RLC       - Insequence delivery     TRUE       - Receiving window size     128       - Downlink RLC status info     128       - Timer_Status_prohibit     200       - Receiving window size     128       - Information for each multiplexing option     2 RBMuxOptions       - RUE     Timer_Status       - Uplink transport	- Max_RST	4
- Timer_poll_prohibit     200       - Timer_poll     200       - Poll_PDU     Not Present       - Poll_SDU     1       - Last transmission PDU poll     TRUE       - Last retransmission PDU poll     TRUE       - Last retransmission PDU poll     TRUE       - Poll_Windows     99       - Timer_poll_prediction     Not Present       - CHOICE Downlink RLC mode     AM RLC       - In-sequence delivery     TRUE       - Receiving window size     128       - Downlink RLC status info     200       - Timer_EPC     Not Present/200       - Missing PDU indicator     TRUE       - Timer_STATUS_periodic     Not Present/200       - RR mapping info     2 RBMuxOptions       - Information for each multiplexing option     2 RBMuxOptions       - Number of RLC logical channels     1       - Upical channel identity     5       - Logical channel identity     5       - Logical channel identity     2       - Downlink RLC logical channels     1       - Downlink RLC logical channels     1       - Number of RLC logical channels     1       - Downlink RLC logical channels     1       - Downlink RLC logical channels     1       - Downlink RLC logical channels     1       - Downl	- Polling info	
- Timer_poll     200       - Poll_PDU     Not Present       - Poll_SDU     1       - Last transmission PDU poll     TRUE       - Last transmission PDU poll     TRUE       - Poll_Windows     99       - Timer_poll_periodic     Not Present       - CHOICE Downlink RLC mode     AM RLC       - In-sequence delivery     TRUE       - Receiving window size     128       - Downlink RLC status info     200       - Timer_EPC     Not Present200       - Missing PDU Indicator     TRUE       - Timer_STATUS_periodic     Not Present200       - Missing PDU indicator     TRUE       - Timer_STATUS_periodic     Not Present200       - Martimer STATUS_periodic     Not Present300       - Information for each multiplexing option     2 RBMuxOptions       - RLC logical channel mapping indicator     Not Present       - UL Transport channel type     DCH       - UL Transport channel identity     2       - CHOICE RLC size list     Configured       - Number of RLC logical channel info     1       - Number of RLC logical channel identity     1       - Downlink RLC stannel identity     2       - Downlink RLC stannel identity     2       - Downlink RLC stannel identity     10       - DL DCH Transport channel i	- Timer_poll_prohibit	200
- Poll     POU     Not Present       - Poll, SDU     1       - Last transmission PDU poll     TRUE       - Last transmission PDU poll     TRUE       - Poll, Windows     99       - Timer, poll_periodic     Not Present       - CHOICE Downlink RLC mode     AM RLC       - In-sequence delivery     TRUE       - Receiving window size     128       - Downlink RLC status info     200       - Timer_status_prohibit     200       - Timer_status_prohibit     200       - Timer_STATUS_periodic     Not Present/200       - Missing PDU indicator     TRUE       - Timer_STATUS_periodic     Not Present/200       - Missing PDU indicator     TRUE       - Information for each multiplexing option     2 RBMuxOptions       - RL logical channel mapping indicator     Not Present       - UL Transport channel type     DCH       - UL Transport channel into     1       - UDCE RUC size ist     Configured       2 volical channel info     2       - Number of RLC logical channels     1       - Downlink RLC logical channel info     2       - Dubrink RLC logical channel identity     2       - Downlink RLC digical channel identity     10       - D DoCH Transport channel identity     10       - D DoCH Tra	- Timer_poll	200
- Poll_SDU       1         - Last transmission PDU poll       TRUE         - Last retransmission PDU poll       TRUE         - Poll_Windows       99         - Timet_poll_periodic       Not Present         - CHOICE Downlink RLC mode       AM RLC         - In-sequence delivery       TRUE         - Receiving window size       128         - Downlink RLC status info       200         - Timer_status_prohibit       200         - Timer_STATUS_periodic       Not Present[200         - Masing PDU indicator       TRUE         - RB mapping info       2         - RLC logical channels mapping info       2         - UL transport channel type       DCH         - Uplink transport channel type       DCH         - Logical channel identity       2         - CHOICE RLC logical channels       1         - UL transport channel type       DCH         - UL Transport channel type       DCH         - Downlink RLC logical channels       1         - Downlink RLC logical channels       1         - Downlink RLC logical channels       1         - Downlink RLC logical channel ifot       2         - Number of RLC logical channel ifot       1         - Du DCH	- Poll_PDU	Not Present
- Last transmission PDU poll       TRUE         - Poll_Petiodic       Not Present         - CHOICE Downlink RLC mode       AM RLC         - In-sequence delivery       TRUE         - Receiving window size       128         - Downlink RLC status info       200         - Timer_EPC       Not Present/2000         - Timer_STATUS_prohibit       200         - RB mapping info       200         - Information for each multiplexing option       2 RBMuxOptions         - Number of RLC logical channels       1         - Uprice thannel identity       5         - Logical channel identity       2         - Downlink RLC logical c	- Poll_SDU	1
- Last retransmission PDU poll       TRUE         - Poll_Windows       99         - Timer_poll_periodic       Not Present         - CHOICE Downlink RLC mode       AM RLC         - In-sequence delivery       TRUE         - Receiving window size       128         - Downlink RLC status info       128         - Timer_status_prohibit       200         - Timer_status_prohibit       200         - Missing PDU indicator       TRUE         - Receiving window       2         - Information for each multiplexing option       2 RBMuxOptions         - RLC logical channel mapping indicator       Not Present         - Number of RLC logical channels       1         - UL Transport channel identity       5         - Logical channel mapping indicator       Not Present         - Wumber of RLC logical channels       1         - UDI Transport channel identity       5         - Logical channel info       Configured         - Number of RLC logical channels       1         - Downlink RLC logical channel identity       10         - D DCH Transport channel identity       10         - Du DCH Transport channel identity       10         - Du DCH Transport channel identity       2	- Last transmission PDU poll	TRUE
- Poll_Windows     99       - Timer poll_periodic     Not Present       - CHOCE Downlink RLC mode     AM RLC       - In-sequence delivery     TRUE       - Receiving window size     128       - Downlink RLC status info     200       - Timer_status_prohibit     200       - Timer_EPC     Not Present/200       - Missing PDU indicator     TRUE       - RB mapping info     2 RBMuxOptions       - Information for each multiplexing option     2 RBMuxOptions       - RLC logical channel mapping indicator     Not Present       - Uplink transport channel type     DCH       - UL Transport channel identity     5       - Logical channel identity     2       - Downlink RLC logical channels     1       - Downlink RLC logical channel info     1       - Number of RLC logical channel info     1       - Downlink RLC logical channel info     1       - Downlink transport channel type     DCH       - Du DCH Transport channel type     DCH       - DL DCH Transport channel type     DCH       - Logical channel mapping indicator     Not Present       - Logical channel mapping indicator     Not Present       - Durbink transport channel type     DCH       - Durbink transport channel type     DCH       - Logical channel mapping indicator	- Last retransmission PDU poll	TRUE
Timer_poll         Not Present           - CHOICE Downlink RLC mode         AM RLC           - In-sequence delivery         TRUE           - Receiving window size         128           - Downlink RLC status info         200           - Timer_status_prohibit         200           - Timer_status_prohibit         200           - Timer_STATUS_periodic         Not Present           - RB mapping info         REMapping info           - Information for each multiplexing option         2 RBMuxOptions           - RLC logical channel mapping indicator         Not Present           - Uuplink transport channel type         DCH           - UU Transport channel identity         5           - Coligical channel motivity         2           - CHOICE RLC size list         Configured           - Number of RLC logical channels         1           - Number of RLC logical channel type         DCH           - Downlink RLC logical channel type         DCH           - Downlink transport channel identity         2           - Downlink transport channel identity         10           - Digical channel motivity         10           - Digical channel identity         10           - Digical channel identity         2           - R	- Poll Windows	99
- CHOICE Downlink RLC mode       AM RLC         - In-sequence delivery       TRUE         - Receiving window size       128         - Downlink RLC status info       200         - Timer_status_prohibit       200         - Timer_EPC       Not Present200         - Missing PDU indicator       TRUE         - Timer_STATUS_periodic       Not Present200         - Information for each multiplexing option       2 RBMuxOptions         - RB mapping info       2 RBMuxOptions         - RLC logical channel mapping indicator       Not Present         - Number of RLC logical channels       1         - Uplink transport channel type       DCH         - Logical channel identity       2         - CHOICE RLC size list       Configured         - Mumber of RLC logical channel info       1         - Number of RLC logical channel info       1         - Duponlink transport channel identity       1         - DL DCH Transport channel identity       1         - Dupic channel identity       2         - Logical channel identity       2         - Logical channel identity       1         - Dupotink transport channel identity       2         - DL DCH Transport channel identity       2 <t< th=""><th>- Timer poll periodic</th><th>Not Present</th></t<>	- Timer poll periodic	Not Present
- In-sequence delivery       TRUE         - Receiving window size       128         - Downlink RLC status info       200         - Timer_status_prohibit       200         - RLC logical channel sector       Not Present         - Number of RLC logical channels       1         - UL Transport channel type       DCH         - CHOCE RLC size list       Configured         - Number of RLC logical channels       1         - Downlink RLC logical channel identity       10         - Du DCH Transport channel identity       10         - Logical channel identity       2         - Colocial channel identity       2         - RLC logical channel identity       1         - Du DCH Transport channel identity       2         - RLC l	- CHOICE Downlink RI C mode	AMRIC
Image: Status of the second	- In-sequence delivery	TRUE
- Downlink RLC status info       -         - Timer_status_prohibit       200         - Timer_EPC       Not Present220         - Missing PDU indicator       TRUE         - Information for each multiplexing option       2 RBMuxOptions         - RB mapping info       2 RBMuxOptions         - Information for each multiplexing option       2 RBMuxOptions         - RLC logical channel sping indicator       Not Present         - Number of RLC logical channels       1         - Uplink transport channel identity       2         - CHOICE RLC size list       Configured         - MAC logical channel identity       2         - Downlink RLC logical channels       1         - Downlink RLC logical channel identity       2         - Downlink ransport channel identity       2         - Downlink transport channel identity       1         - Downlink transport channel identity       1         - Du DCH Transport channel identity       1         - Digical channel identity       2         - RLC logical channels       1         - Uplink transport channel identity       2         - RLC logical channels       1         - Uplink transport channel identity       2         - RLC logical channels       1	- Receiving window size	128
- Tommin KTCD status_prohibit       200         - Timer_EPC       Not Present200         - Missing PDU indicator       TRUE         - Timer_STATUS_pendic       Not Present         - RB mapping info       2 RBMuxOptions         - Information for each multiplexing option       2 RBMuxOptions         - RLC logical channel mapping indicator       Not Present         - Unwher of RLC logical channels       1         - Uplink transport channel identity       5         - Logical channel identity       2         - CHOICE RLC size list       Configured         - Number of RLC logical channel info       1         - Downlink Ransport channel identity       10         - DL DCH Transport channel identity       10         - DL DCH Transport channel identity       2         - RLC logical channels       1         - UL Transport channel identity       2         - RLC logical channels       1         - Digical channel identity       2         - RLC logical channels       1         - UL DCH Transport channel identity       2 <t< th=""><th>- Downlink PLC status info</th><th></th></t<>	- Downlink PLC status info	
- Timer_EPC       Not Present/290         - Missing PDU indicator       TRUE         - Timer_STATUS_periodic       Not Present         - RB mapping info       2 RBMuxOptions         - Information for each multiplexing option       2 RBMuxOptions         - RLC logical channel mapping indicator       Not Present         - Number of RLC logical channels       1         - Uplink transport channel type       DCH         - UL Transport channel identity       2         - CHOICE RLC size list       Configured         - Number of RLC logical channels       1         - Downlink RLC logical channel info       1         - Number of RLC logical channel info       1         - Number of RLC logical channel identity       10         - D DCH Transport channel identity       10         - DL DCH Transport channel identity       2         - RLC logical channel identity       1         - Logical channel mapping indicator       Not Present         - Logical channel identity       2         - RLC logical channel identity       1         - Du DCH Transport channel identity       2         - RLC logical channels       1         - Uplink transport channel identity       2         - Uplink transport channel identity </th <th>- Timer status probibit</th> <th>200</th>	- Timer status probibit	200
- Missing PDU indicator       TRUE         - Timer_STATUS_periodic       Not Present         - RB mapping info       2 RBMuxOptions         - Information for each multiplexing option       2 RBMuxOptions         - RLC logical channel mapping indicator       Not Present         - Number of RLC logical channels       1         - Uplink transport channel identity       5         - Logical channel identity       2         - CHOICE RLC size list       Configured         - Number of RLC logical channels       1         - Downlink RLC logical channel info       1         - Number of RLC logical channel info       1         - Downlink transport channel identity       10         - DL DCH Transport channel identity       10         - DL DCH Transport channel identity       10         - Logical channel identity       2         - Downlink transport channel identity       10         - DL DCH Transport channel identity       10         - Logical channel identity       2         - RLC logical channel identity       2         - RLC logical channel identity       2         - Logical channel identity       2         - RLC logical channel identity       2         - Uplink transport channel identity	Timer_EPC	Not Procent200
- Missing PD0 Indicator       Not Present         - RB mapping info       2 RBMuxOptions         - Information for each multiplexing option       2 RBMuxOptions         - RLC logical channel mapping indicator       Not Present         - Number of RLC logical channels       1         - Uplink transport channel type       DCH         - UL Transport channel identity       5         - Logical channel identity       2         - CHOICE RLC size list       Configured         - MAC logical channel priority       2         - Downlink RLC logical channel info       1         - Number of RLC logical channel info       1         - Downlink transport channel identity       10         - D DCH Transport channel identity       10         - DL DCH Transport channel identity       10         - Logical channel identity       2         - RLC logical channel identity       10         - Du DCH Transport channel identity       10         - Logical channel identity       2         - RLC logical channel identity       2         - RLC logical channel identity       1         - Logical channel identity       2         - RLC logical channel identity       3         - UL Transport channel identity       3	- Tillel_EFC	
- RB mapping info       - Information for each multiplexing option       2 RBMuxOptions         - RLC logical channel mapping indicator       Not Present         - Number of RLC logical channels       1         - Uplink transport channel identity       5         - Logical channel identity       2         - CHOICE RLC size list       Configured         - Number of RLC logical channel info       2         - MAC logical channel info       1         - Number of RLC logical channels       1         - Downlink transport channel identity       2         - Downlink transport channel identity       10         - Du DCH Transport channel identity       10         - DL DCH Transport channel identity       10         - DL DCH Transport channel identity       2         - RLC logical channel identity       2         - RLC logical channel identity       10         - DL DCH Transport channel identity       10         - DL DCH Transport channel identity       2         - RLC logical channel mapping indicator       Not Present         - Uplink transport channel identity       2         - RLC logical channel identity       2         - RLC logical channel identity       2         - Uplink transport channel identity       3	- Missing PDU Indicator	IRUE Not Dresent
<ul> <li>- Rb mapping mo</li> <li>- Information for each multiplexing option</li> <li>- RLC logical channel mapping indicator</li> <li>- Number of RLC logical channels</li> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> <li>- Logical channel identity</li> <li>- Logical channel identity</li> <li>- CHOICE RLC size list</li> <li>- Downlink RLC logical channels</li> <li>- Dubuk transport channel type</li> <li>- Dubuk transport channel identity</li> <li>- Downlink transport channel identity</li> <li>- Downlink transport channel type</li> <li>- Dubuk transport channel identity</li> <li>- Downlink transport channel identity</li> <li>- Dubuk transport channel identity</li> <li>- RLC logical channels</li> <li>- Number of RLC logical channels</li> <li>- Uplink transport channel identity</li> <li>- Logical channel mapping indicator</li> <li>- Number of RLC logical channels</li> <li>- Uplink transport channel type</li> <li>- CHOICE RLC size list</li> <li>- Configured</li> <li>- MAC logical channel identity</li> <li>- Configured</li> <li>- MAC logical channel identity</li> <li>- Complex transport channel identity</li> <li>- Configured</li> <li>- Number of RLC logical channels</li> <li>- Downlink RLC logical channel identify</li> <li>- Downlink ransport channel identify</li> <li>- Downlink ransport channel identify</li></ul>	- Tiller_STATUS_periodic	<u>Not Fresent</u>
- Information for each multiplexing option       2 REMODUPIONS         - RLC logical channel mapping indicator       Not Present         - Number of RLC logical channels       1         - Uplink transport channel identity       5         - Logical channel identity       2         - CHOICE RLC size list       Configured         - Number of RLC logical channel priority       2         - Downlink RLC logical channel info       1         - Number of RLC logical channels       1         - Dupt DCH Transport channel identity       10         - DU DCH Transport channel identity       10         - DL DCH Transport channel identity       10         - DL DSCH Transport channel identity       2         - RLC logical channel identity       2         - RLC logical channel identity       10         - Du DCH Transport channel identity       10         - Logical channel identity       2         - RLC logical channel mapping indicator       Not Present         - Logical channel identity       2         - UL Transport channel type       RACH         - Uplink transport channel type       RACH         - Upical channel identity       2         - CHOICE RLC size list       Configured         - MAC logical channel	- RB mapping mil	2 DDM:wOntions
- RLC logical channel mapping indicator       Not Present         - Number of RLC logical channels       1         - Uplink transport channel identity       5         - Logical channel identity       2         - CHOICE RLC size list       Configured         - MAC logical channel priority       2         - Downlink RLC logical channel info       1         - Number of RLC logical channel info       1         - Downlink transport channel identity       10         - DL DCH Transport channel identity       10         - DL DCH Transport channel identity       10         - Logical channel mapping indicator       Not Present         - Logical channel identity       2         - RLC logical channel identity       2         - RLC logical channel identity       10         - Du DSCH Transport channel identity       1         - Logical channel identity       2         - RLC logical channel mapping indicator       Not Present         - Uplink transport channel identity       2         - UL Transport channel identity       Not Present         - Logical channel identity       2         - CHOICE RLC size list       Configured         - MAC logical channel priority       3         - Downlink RLC logical channe	- Information for each multiplexing option	2 RBIVIUXOPIIONS
- Number of RLC logical channels       1         - Uplink transport channel identity       5         - Logical channel identity       2         - CHOICE RLC size list       Configured         - MAC logical channel priority       2         - Downlink RLC logical channel info       1         - Number of RLC logical channel info       1         - Downlink transport channel identity       10         - DL DCH Transport channel identity       10         - DL DCH Transport channel identity       2         - Logical channel identity       2         - Logical channel identity       10         - DL DCH Transport channel identity       Not Present         - Logical channel identity       2         - RLC logical channel mapping indicator       Not Present         - Uplink transport channel identity       2         - UL Transport channel identity       Not Present         - UL Transport channel identity       2         - CHOICE RLC size list       Configured         - UL Transport channel identity       2         - CHOICE RLC size list       Configured         - Downlink RC logical channel identity       2         - CHOICE RLC size list       Configured         - MAC logical channel info       1	- RLC logical channel mapping indicator	Not Present
Oplink transport channel identityDCH- UL Transport channel identity5- Logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority2- Downlink RLC logical channel info1- Number of RLC logical channel typeDCH- DL DCH Transport channel identity10- DL DSCH Transport channel identity2- RLC logical channel identity2- RLC logical channel identity10- DL DSCH Transport channel identity2- RLC logical channel identity2- RLC logical channel identity2- RLC logical channel identity1- Uplink transport channel identity2- RLC logical channel mapping indicatorNot Present- Uplink transport channel identity1- UL Transport channel identityNot Present- UL Transport channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channel info1- Number of RLC logical channel info1- Number of RLC logical channel info1- Downlink transport channel itypeFACH- Number of RLC logical channel info1- Downlink transport channel identityNot Present- DubCH Transport channel identityNot Present <th>- Number of RLC logical channels</th> <th></th>	- Number of RLC logical channels	
- UL Transport channel identity5- Logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority2- Downlink RLC logical channel info1- Number of RLC logical channels1- Downlink transport channel identity10- DL DCH Transport channel identity10- DL DSCH Transport channel identity2- RLC logical channel identity10- Uplink transport channel identity2- RLC logical channel identity10- UL Transport channel identity2- CHOICE RLC size list1- Uplink transport channel identityNot Present- Logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channel info1- Number of RLC logical channel info1- Number of RLC logical channel info1- Downlink transport channel identityNot Present- Dubrink transport channel identityNot Present- Downlink RLC logical channels1- Downlink RLC logical channels1- Downlink RLC logical channels1- Downlink transport channel identityNot Present- DL DCH Transport channel identityNot Present- DL DCH Transport channel identityNot Pres	- Uplink transport channel type	
- Logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority2- Downlink RLC logical channels1- Number of RLC logical channel typeDCH- DL DCH Transport channel identity10- DL DSCH Transport channel identity2- RLC logical channel mapping indicatorNot Present- Logical channel typeRACH- Number of RLC logical channels1- Uplink transport channel identity2- RLC logical channel mapping indicatorNot Present- Uplink transport channel typeRACH- UL Transport channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channels1- Downlink RLC logical channel priority3- Downlink RLC logical channel identity10- Downlink RLC logical channel identity10- Downlink RLC logical channel identity3- Downlink RLC logical channel identity10- Number of RLC logical channel identity10- Downlink Ransport channel identity11- Downlink Ransport channel identity11- Downlink Ransport channel identity10- Du DCH Transport channel identity10- Du DCH Transport channel identity10- DL DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present- DL DSCH Transport channel	- UL Transport channel identity	5
- CHOICE RLC size listConfigured- MAC logical channel priority2- Downlink RLC logical channel info1- Number of RLC logical channels1- Downlink transport channel typeDCH- DL DCH Transport channel identity10- DL DSCH Transport channel identity2- RLC logical channel identity2- RLC logical channel identity2- RLC logical channel mapping indicatorNot Present- Uplink transport channel identity1- Uth transport channel identity2- RLC logical channel mapping indicatorNot Present- Uplink transport channel identity2- CHOICE RLC size listConfigured- UL Transport channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channel info1- Number of RLC logical channel info1- Number of RLC logical channel info1- Downlink transport channel identity1- Downlink transport channel identityNot Present- Du DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present	- Logical channel identity	2
- MAC logical channel priority2- Downlink RLC logical channel info1- Number of RLC logical channels1- Downlink transport channel typeDCH- DL DCH Transport channel identity10- DL DSCH Transport channel identity10- Logical channel identity2- RLC logical channel mapping indicatorNot Present- Number of RLC logical channels1- Uplink transport channel identity2- RLC logical channel mapping indicatorNot Present- Number of RLC logical channels1- Uplink transport channel identityRACH- UL Transport channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channel info1- Number of RLC logical channel info1- Number of RLC logical channel info1- Downlink transport channel identityNot Present- Downlink transport channel identityNot Present- Downlink transport channel identity1- Downlink transport channel identityNot Present- DL DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present	- CHOICE RLC size list	Configured
- Downlink RLC logical channel info1- Number of RLC logical channels1- Downlink transport channel typeDCH- DL DCH Transport channel identity10- DL DSCH Transport channel identityNot Present- Logical channel identity2- RLC logical channel mapping indicatorNot Present- Number of RLC logical channels1- Uplink transport channel identity2- RLC logical channel identity2- RLC logical channel mapping indicatorNot Present- Uplink transport channel identity1- Uplink transport channel identityNot Present- Logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channels1- Number of RLC logical channels1- Downlink transport channel identityACH- Number of RLC logical channel info Number of RLC logical channels1- Downlink transport channel typeFACH- DL DCH Transport channel identityNot Present- DL DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present	- MAC logical channel priority	2
- Number of RLC logical channels1- Downlink transport channel typeDCH- DL DCH Transport channel identity10- DL DSCH Transport channel identityNot Present- Logical channel identity2- RLC logical channel mapping indicatorNot Present- Number of RLC logical channels1- Uplink transport channel identity2- UL Transport channel identityNot Present- UL Transport channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channels1- Number of RLC logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channel identify1- Dumber of RLC logical channel identify1- Downlink transport channel identify1- Downlink transport channel identify1- Downlink transport channel identify1- Downlink transport channel identifyNot Present- DL DCH Transport channel identifyNot Present- DL DSCH Transport channel identifyNot Present	<ul> <li>Downlink RLC logical channel info</li> </ul>	
- Downlink transport channel typeDCH- DL DCH Transport channel identity10- DL DSCH Transport channel identityNot Present- Logical channel identity2- RLC logical channel mapping indicatorNot Present- Number of RLC logical channels1- Uplink transport channel identity2- UL Transport channel identity2- UL Transport channel identityNot Present- UL Transport channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channel info1- Number of RLC logical channel identity1- Downlink transport channel identity3- Downlink transport channel identity1- DU DCH Transport channel identityNot Present- DL DCH Transport channel identityNot Present- DL DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present	<ul> <li>Number of RLC logical channels</li> </ul>	1
- DL DCH Transport channel identity10- DL DSCH Transport channel identityNot Present- Logical channel identity2- RLC logical channel mapping indicatorNot Present- Number of RLC logical channels1- Uplink transport channel identityRACH- UL Transport channel identity2- Logical channel identity2- Logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channel info1- Number of RLC logical channel info1- Dumlink transport channel identityNot Present- DUDCH Transport channel identityNot Present- DL DCH Transport channel identityNot Present- DL DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present	<ul> <li>Downlink transport channel type</li> </ul>	DCH
- DL DSCH Transport channel identityNot Present- Logical channel identity2- RLC logical channel mapping indicatorNot Present- Number of RLC logical channels1- Uplink transport channel typeRACH- UL Transport channel identity2- Logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel info3- Downlink RLC logical channels1- Number of RLC logical channel info1- Downlink transport channel identity3- Downlink transport channel typeFACH- DL DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present	<ul> <li>DL DCH Transport channel identity</li> </ul>	10
- Logical channel identity2- RLC logical channel mapping indicatorNot Present- Number of RLC logical channels1- Uplink transport channel typeRACH- UL Transport channel identityNot Present- Logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel info3- Downlink RLC logical channel info1- Number of RLC logical channel typeFACH- DUDCH Transport channel identity1- DL DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present	<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
- RLC logical channel mapping indicatorNot Present- Number of RLC logical channels1- Uplink transport channel typeRACH- UL Transport channel identityNot Present- Logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channel info1- Number of RLC logical channel typeFACH- Downlink transport channel typeFACH- DL DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present	<ul> <li>Logical channel identity</li> </ul>	2
- Number of RLC logical channels1- Uplink transport channel typeRACH- UL Transport channel identityNot Present- Logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channel info1- Number of RLC logical channel type1- Downlink transport channel typeFACH- DL DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present	<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Uplink transport channel typeRACH- UL Transport channel identityNot Present- Logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channel info Number of RLC logical channel si1- Downlink transport channel typeFACH- DL DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present	- Number of RLC logical channels	1
- UL Transport channel identityNot Present- Logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channel info Number of RLC logical channel si1- Downlink transport channel typeFACH- DL DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present	- Uplink transport channel type	RACH
- Logical channel identity2- CHOICE RLC size listConfigured- MAC logical channel priority3- Downlink RLC logical channel info1- Number of RLC logical channels1- Downlink transport channel typeFACH- DL DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present	- UL Transport channel identity	Not Present
- CHOICE RLC size list       Configured         - MAC logical channel priority       3         - Downlink RLC logical channel info       1         - Number of RLC logical channels       1         - Downlink transport channel type       FACH         - DL DCH Transport channel identity       Not Present         - DL DSCH Transport channel identity       Not Present	- Logical channel identity	2
<ul> <li>MAC logical channel priority</li> <li>Downlink RLC logical channel info</li> <li>Number of RLC logical channels</li> <li>Downlink transport channel type</li> <li>DL DCH Transport channel identity</li> <li>Not Present</li> <li>Not Present</li> </ul>	- CHOICE RLC size list	Configured
<ul> <li>Downlink RLC logical channel info</li> <li>Number of RLC logical channels</li> <li>Downlink transport channel type</li> <li>DL DCH Transport channel identity</li> <li>DL DSCH Transport channel identity</li> <li>Not Present</li> <li>Not Present</li> </ul>	- MAC logical channel priority	3
- Number of RLC logical channels1- Downlink transport channel typeFACH- DL DCH Transport channel identityNot Present- DL DSCH Transport channel identityNot Present	- Downlink RLC logical channel info	
- Downlink transport channel type     FACH       - DL DCH Transport channel identity     Not Present       - DL DSCH Transport channel identity     Not Present	- Number of RLC logical channels	1
- DL DCH Transport channel identity     - DL DSCH Transport channel identity     Not Present     Not Present	- Downlink transport channel type	FACH
- DL DSCH Transport channel identity Not Present	- DL DCH Transport channel identity	Not Present
	- DL DSCH Transport channel identity	Not Present
	- Logical channel identity	2
- Signalling RB information to setup	- Signalling RB information to setup	(AM DCCH for NAS_DT High priority)

Information Element	Value/remark
- RB identity	3Not Present
- CHOICE RLC info type	
- RLC info	
- CHOICE Unlink RI C mode	AMBLC
- Transmission RLC discard	
SDU discord mode	No Discord May DAT retransmissions
	NO DISCAID
- MAX_DAT	<u>15</u> 4
	<del>100</del>
	4
- Transmission window size	<u>128</u> 8
- Timer_RST	500
- Max_RST	4
- Polling info	
- Timer poll prohibit	200
- Timer poll	200
- Poll PDU	Not Present
- Poll SDU	1
- Last transmission PDLL noll	TRUE
- Last rationamination DDU not	
	99 99
	Not Present
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	<u>12</u> 8
- Downlink RLC status info	
- Timer_status_prohibit	200
- Timer_EPC	Not Present200
- Missing PDU indicator	TRUE
- Timer_STATUS_periodic	Not Present
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel mapping indicator	Not Present
- Number of RI C logical channels	1
- Unlink transport channel type	DCH
-III. Transport channel identity	5
	3
	Configured
	oomigureu
- MAC logical channel phonty	3
- Number of RLC logical channels	
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	10
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	3
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	1
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	3
- CHOICE RLC size list	Configured
- MAC logical channel priority	4
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
- Downlink transport channel type	
- DOWNING (Tansport channel identity	Not Present
	Not Present
- Logical channel identity	
Signalling RB information to setup	(AM DCCH for NAS_D1 Low priority)

Information Element	Value/remark
- RB identity	Not present4
- CHOICE RLC info type	
- RLC info	
- CHOICE Uplink RLC mode	AM RLC
- Transmission PLC discard	
SDU dispard mode	No Discord May DAT retransmissions
	<u>154</u>
	100
	4
- Transmission window size	<u>128</u> 8
- Timer_RST	500
- Max_RST	4
- Polling info	
<ul> <li>Timer_poll_prohibit</li> </ul>	200
- Timer_poll	200
- Poll_PDU	Not Present
- Poll_SDU	1
- Last transmission PDU poll	TRUE
- Last retransmission PDU poll	TRUE
- Poll_Windows	99
- Timer poll periodic	Not Present
- CHOICE Downlink RLC mode	AM RLC
- In-sequence deliverv	TRUE
- Receiving window size	128
- Downlink RI C status info	
- Timer status prohibit	200
- Timer EPC	Not Present200
- Missing PDU indicator	
- Timer STATUS periodic	Not Present
PR mapping info	
- KB mapping into	2 PRMuxOntions
- Information for each multiplexing option	2 KBINUXOPUOIIS
- REC logical channel mapping indicator	1
- Number of RLC logical champers	
- Oplink transport channel identity	DCH F
	4 Configured
	Contigurea
- MAC logical channel priority	4
- Downlink RLC logical channel info	
- Number of RLC logical channels	
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	10
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	4
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of RLC logical channels	1
<ul> <li>Uplink transport channel type</li> </ul>	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	4
- CHOICE RLC size list	Configured
- MAC logical channel priority	5
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	4
UL Transport channel information for all transport	
	· · · · · · · · · · · · · · · · · · ·

Information Element	Value/remark
channels	
- PRACH TFCS	Not Present
- CHOICE Mode	FDD
- TFC subset	Not Present
- UL DCH TFCS	
- CHOICE TFCI signalling	Normal
- TFCI Field 1 information	
CHOICE TFCS representation	AdditionComplete reconfiguration
- TFCS complete reconfigurereconfiguration	
information	
- CHOICE CTFC Size	<u>2 bit CTFCctfc2Bit</u>
- <u>CIFC informationcttc2Bit</u>	$\frac{22 \text{ IFCs}}{2}$
- Power offset	0
Information	
-gainFactorInformation CHOICE Gain	computedGainFactors
Factors	
computedGainFactors_Reference_TFC ID	0
<u>- CHOICE mode</u>	FDD Net Descent
<u>Power dilset Pp-mpowerOilsetPp-m(OP)</u>	1
- <u>powerOffsetInformation(OP)</u> Power offset	
Information	
-gainFactorInformation CHOICE Gain	signalledGainFactors
Factors	
- CHOICE modesignalledGainFactors	FDD
-modespecificinto	
- Gain factor ßc	15
- Gain factor ßd	15
- Reference TFC ID	0
- CHOICE mode	FDD
Power offset Pp-m	Not Present
Added of Reconfigured UL TCH Information	<u> </u>
- Added of Reconfigured OL TICH Information	1
- Unlink transport channel type	
- UII Transport channel identity	5
- TES	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport Format Information	
- RIC size	96 bits
- Number of TBs and TTLL ist	2
- Transmission Time Interval	Not Present
- Number of Transport blocks	0
- Transmission Time Interval	- Not Present
- Number of Transport blocks	1
- CHOICE Logical Channel List	ÄLL
- Semi-static Transport Format Information	
- Transmission time interval	40
- Type of channel coding	 Convolutional
- Coding Rate	1/3
- Rate matching attribute	256
- CRC size	12
<del>TTI</del>	tti40
-tti40	4
-DedicatedDynamicTF-Info	
- RLC size	octetModeType1 ((8*sizeType1)+16=96bit)
-octetModeType1	sizeType1
-sizeType1	<del>10</del>
-numberOfTbSizeList	2

Information Flowant	Voluerrowerk
Information Element	value/remark
-NumberOf FransportBlocks	<del>Zero</del>
-zero	
-NumberOfTransportBlocks	<del>one</del>
-one	
-logicalChannelList	allSizes
-allSizes	
-semistaticTF-Information	
channelCodingType	convolutional
- charmelouding - ype	third
-convolutional	
- Kate matching attribute	256
- CRC size	<del>crc12</del>
DL Transport channel information common for all	
transport channel	
SCCPCH TFCS	Not Present
- CHOICE mode	FDD
- CHOICE DL parameters	Same as UL
Added or Reconfigured DL TrCH information list	1
- Added or Reconfigured DL TrCH information	
	1
- Downlink transport channel type	
- CHOICE DL parameters	SameasUL
<ul> <li>Uplink transport channel type</li> </ul>	DCH
- UL TrCH Identity	5
- DCH quality target	
- BLER Quality value	<u>-2.0</u> -6.3
	Not Present
Frequency info	Not present
	Reference to clause 5.1 Test frequencies
- LIARECN downlink(Nd)	Reference to clause 5.1 Test frequencies
Maximum allowed III. TX power	Not present33dBm
Unlink DRCH newer control info	
- DPCCH power onset	-00B
- PC Preamble	1 frame
- SRB delay	7 frames
- Power Control Algorithm	Algorithm1
- TPC step size	1dB
- CHOICE mode	FDD
	Long
- Scrambling code number	0 (0 to 16777215)
- Number of DPDCH	Not present (1)
- spreading-Spreading factor	256
- TECL existence	TRUE
- Number of FBI bit	Not Present(0)
- Puncturing Limit	1
- Downlink DPCH into common for all RL	
- Liming Indication	Initialise
- CFN-targetSFN frame offset	Not present
	FDD
<ul> <li>Downlink DPCH power control information</li> </ul>	
- CHOICE mode	FDD
- DPC mode	0 (single)
- CHOICE mode	FDD
	0
- DL rate matching restriction information	Not Present
- Spreading factor	256

Information Element	Value/remark
<ul> <li>Number of bits for Pilot bits(SF=128,256)</li> </ul>	8
- Fixed or Flexible Position	Fixed
- TFCI existence	FALSE
- CHOICE SF	
<ul> <li>Number of bits for Pilot bits</li> </ul>	<u>8</u>
- DPCH compressed mode info	Not Present
- TX Diversity mode	None
- SSDT information	Not Present
- Default DPCH Offset Value	Arbitrary set to value 0306688 by step of 5129
Downlink information for each per radio links list	
-Downlink information for each radio links	
- CHOICE mode	FDD
- Primary CPICH info	
- Primary scrambling code	100
- PDSCH with SHO DCH info	Not Present
- PDSCH code mapping	Not Present
- Downlink DPCH info for each RL	
- CHOICE mode	<u>FDD</u>
- Primary CPICH usage for channel estimation	Primary CPICH may be used
- DPCH frame offset	Set to value : Default DPCH Offset Value mod 384000
	<del>chips</del>
- Secondary CPICH info	Not Present
- DL channelisation code	
- Secondary scrambling code	1
Spreading factor	256
_ Code number	0
- Scrambling code change	Not present No change
- TPC combination index	0
- SSDT Cell Identity	Not Present
- Closed loop timing adjustment mode	Not Present
- SCCPCH information for FACH	Not Present

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## Contents of SECURITY MODE COMMAND message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	
<ul> <li>Message authentication code</li> </ul>	Set to an arbitrarily selected 32-bits integer
- RRC Message Sequence Number	Set to an arbitrarily selected integer between 0 and 15
Security capability	
- Ciphering algorithm capability	
- UEA0	If the UE has indicated support for ciphering algorithm
	<u>UEAU IN the IE "security capability" in the RRC</u>
	CONNECTION SETUP COMPLETE message, this te is
	<u>Set to TRUE.</u> If ciphering is not indicated to be active on
	If the LIE has indicated support for ciphering algorithm
0E/(I	LIEA1 in the IE "security canability" in the RRC
	CONNECTION SETUP COMPLETE message, this IE is
	set to TRUE. If ciphering is indicated to be active on IXIT
	statements in TS 34.123-2, set this IE to TRUE.
- Spare	Spare 2-15 = FALSE
<ul> <li>Integrity protection algorithm capability</li> </ul>	000000000000010B (UIA1)
- UIA1	TRUE
- Spare	Spare 0 and Spare 2-15 = FALSE
Ciphering mode info	This presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
Cinharing mode commond	Else, this IE is omitted.
- Ciphering mode command	UEA0 or UEA1. The indicated algorithm must be one of
	the algorithms supported by the LIE as indicated in the IE
	"security capability" in the RRC CONNECTION SETUP
	COMPLETE message. Use the same ciphering algorithm
	specified in "ciphering algorithm capability" IE in this
	message.
<ul> <li>Ciphering activation time for DPCH</li> </ul>	Not Present
- Radio bearer downlink ciphering activation time	
info	
- Radio bearer activation time	
- RB identity	1 Current BLC SNL2
- RLC Sequence number	2
- RLC sequence number	Current RLC SN+2
- RB identity	3
- RLC sequence number	Current RLC SN + 2
- RB identity	4
- RLC sequence number	Current RLC SN + 2
Integrity protection mode info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-32. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
- Integrity protection mode command	Start Net Present
- Downlink Integrity protection activation info	
- integrity protection algorithm	UIA I SS solocts an arbitrary 22 bits number for EDESU
CN domain identity	CS or PSSupported domain
IF system specific security capability	Not Checked
	NUL UNEUKEU

#### T1-020299 3GPP TSG- T1 Meeting #15 Lund, Sweden, 21<sup>st</sup>, 24<sup>th</sup> May 2002 3GPP TSG-T1/SIG Meeting #23 Tdoc T1S-020247r3 Lund, Sweden, 20-23 May 2002 CR-Form-v5.1 CHANGE REQUEST ж 34.108 CR 117 ж Current version: ж жrev For **HELP** on using this form, see bottom of this page or look at the pop-up text over the **#** symbols. (U)SIM ME/UE X Radio Access Network Proposed change affects: # Core Network Title: ж Corrections to clause 6.1 MCI, Ericsson Source: Ж Work item code: ℜ TEI Date: # 2002-05-10 æ Α Release: # REL-4 Category: Use one of the following releases: Use one of the following categories: (GSM Phase 2) F (correction) 2 A (corresponds to a correction in an earlier release) R96 (Release 1996) **B** (addition of feature). R97 (Release 1997) **C** (functional modification of feature) R98 (Release 1998) D (editorial modification) (Release 1999) R99 Detailed explanations of the above categories can (Release 4) REL-4 be found in 3GPP TR 21.900. REL-5 (Release 5) Reason for change: # 1) Agreed in T1SIG#22 -- T1S-020159 The corrections to default message included in this CR are proposed for the following reasons: To align with the latest revision of the core specifications To introduce information that is typically needed in real network configurations To avoid transmission of redundant information (efficiency) -- T1S-020207 There are some errors and some unrealistic choices in the current default settings of SIB 11 and 12, which are proposed to be corrected. 2) T1SIG#23 There is an inconsistency for the value of Qgualmin, Qrxlevmin and Maximum allowed UL TX power between table 6.1.1 and SIB 3/4. The specified CTFC "10" for SCCPCH is not defined in TS34.108 clause 6.10.2.4.3.3.1.4. It is proposed to set to "Not Present" in all MD IEs for UE Timer Value so that default value shall be used. N312 from 200 to 1. T312 from 5 to 1. When a physical dedicated channel establishment is initiated by the UE, the UE starts a timer T312 and waits for layer 1 to indicate N312 successive "in sync" indications. On receiving N312 successive "in sync" indications, the physical channel is considered established and the timer T312 is stopped and reset. If the timer T312 expires before the physical channel is established, the

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	<ul> <li>UE considers this as a "physical channel establishment failure". Is it necessary to wait for 200 "in sync" indications to determine that the channel is established. Proposal to change N312 to 1 and T312 to 1. This is also in line with the default values as specified in 25.331.</li> <li>N315 from 200 to 1. T313 from 10 seconds to 3 seconds.</li> <li>In CELL_DCH state, after receiving N313 consecutive "out of sync" indications from layer 1 for the established DPCCH physical channel in FDD, and the DPCH associated with mapped DCCHs in TDD, the UE starts timer T313. Upon receiving N315 successive "in sync" indications from layer 1 and upon change of UE state the UE stops and resets timer T313. If T313 expires the UE considers it as a "Radio link failure". Is it necessary to wait for 200 "in sync" indications to determine that the connection is ok. Proposal to change N315 to 1 and T313 to 3 seconds. This is also in line with the default values as specified in 25.331.</li> <li>T317 from 1800 to 180.</li> <li>T317 specifies a time, in seconds, for a UE to move from CELL_FACH to idle mode when "out of service area". Currently this is defined as 1800 seconds (30</li> </ul>
	minutes). This is too long. Proposal to change this to the 25.331 specified default
	value of 180 seconds.
	<ul> <li>SIB3 and SIB4. Change the value of Qhyst1s to 2. A hysteresis value of 0 does not serve any purpose.</li> <li>Slimit,SearchRAT is a mandatory IE so insert a value.</li> <li>Some elements of the "Access Service Class" list included within IE "PRACH partitioning" have been removed. This change avoids the transmission of redundant information and at the same time verifies the non-trivial "mandatory default" scheme defined for this IE in SIB5 and 6.</li> <li>The corrections to the SIB5/6 messages included in this CR are proposed for the following reasons.</li> <li>To align with the latest revision of the core specifications</li> <li>To introduce information that is typically needed in real network configurations</li> <li>To avoid transmission of redundant information (efficiency)</li> <li>From viewing the tabular format of the MIB and SB it is difficult to fully envisage how this information appears when laid out in Transport Blocks. It is proposed that a new table is inserted to provide this view.</li> <li>There should be more than one cell as New intra-frequency cells in SIB 11 and 12 so that test condition in MM and GMM test case can be actualised.</li> </ul>
Summary of change: ¥	<ol> <li>Agreed T1SIG#22</li> <li>T1S-020159( with Yellow marker ) SIB 5/ 6 default message</li> <li>For FDD primary CCPCH info only includes IE "Tx diversity indicator". In the latest RRC version it is clarified that in case Tx diversity is not used, then FDD Primary CCPCH info IE need not to be included (25.331 clause 10.2.48.8.8). The IE primary CCPCH info for FDD should thus be marked as Not Present to avoid transmission of redundant information (efficiency)</li> <li>In TS TS 25.331 the IE "Primary CPICH usage for channel estimation" was removed (replaced by dummy) from IE "Secondary CCPCH info" (for FDD).</li> </ol>

Therefore the IE is also removed from the default message

- In TS TS 25.331 the IE secondary CPICH info was removed (replaced by dummy) from IE "Secondary CCPCH info" (for FDD). Therefore the IE is also removed from the default message.
- -- T1S-020207( with Yellow marker )

The following corrections are proposed to the default content of SIB11 and 12:

- 1) Cell 1 is the serving cell for the UE in the default environment, and therefore, the IE Cell selection and reselection should not be included for that cell.
- 2) According to the current settings, the "Cell synchronisation information" shall be reported by the UE for the active set cells, and not for the monitored set cells. It is proposed to have the contrary configured, since getting the cell synchronisation information is mainly useful for the monitored cells (when such a cell needs to be added to the active set of the UE), while it does not seem that useful to get it for a cell in the active set.
- The IEs "Reporting deactivation threshold", "Amount of reporting" and "Reporting interval" are not needed for event 1b.
- 4) It is proposed to add event 1c to the default SIBs 11 and 12, since this seems to be the most natural choice to make: if event 1c is not configured, and if the "reporting deactivation threshold" is set to 3 for event 1a, as it is the case with the current settings, in case the UE has three cells in its active set and drifts in an area where the quality of the three cells decreases at the same time (in which case event 1b might never be triggered), UTRAN will never get any information about which cell should be added to the active set of the UE to save the connection.

In SIB 12, the serving cell is not included, since it has already been included in SIB 11.

2) T1SIG#23

The following corrections are added into SIB3 and 4 for FDD.

Qqualmin -20 dB  $\rightarrow$  Reference to table 6.1.1

Qrxlevmin -115 dBm  $\rightarrow$  Reference to table 6.1.1

Maximum allowed UL TX power 33 dBm → Reference to table 6.1.1

The following TFC is removed in SIB5 and 6.

(PCH, FACH for CCCH/DCCH/BCCH, FACH for DTCH) = (TF0, TF2, TF1)

Available SYNC\_UL in SIB5 for 1.28 Mcps TDD should be consist of 8bits.

<u>"111111111"</u> → "11111111"

The green marker show the revisions as rev1.

The SIB\_POS in MIB an SB1 shoud be set to multiple of 2.

Change the values of some timers and constants in SIB 1.

Change the value of Qhyst1s to 2 in SIB 3 and 4.

Insert a value for Slimit, SearchRAT in SIB 3 and 4.

The IE "Preamble Retrans Max" is changed from 2 to 4. RSCP measurements have limited accuracy. Therefore a value of 2 is considered to be on the low side; 4 is considered to be a more typical value used in real network configurations in SIB5 and 6.

In 6.1.1 the IE "AICH transmission timing" is changed from 0 to 1. This IE concerns a basic parameter for which a value of 1 may be required in larger cells.

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	The change ensures that both values are verfied in SIB5 and 6.
	In SIB 6, subclause 6.1, the TFS for the FACH on which the SRBs are mapped includes 4 TF while the corresponding TFS in SIB 5 only includes 3 TFs. The additional TF included in SIB 6 has been removed since it is not used (considering the CTFC- values) and marked as an alternative configuration in section 6.10.2.4.3.3.1.4.
	<u>"Reporting deactivation threshold" for event 1a in SIB11 and SIB12 changed from 3 to 2.</u>
	Insert table showing how MIB/SB/SIBs are allocated over one System Information cycle.
	To make navigation in 34.108 easire the style of the headings for MIB, SB and SIB tables have been changed to "Heading 7" to achive that the headings appear in table of contents.
	The blue marker show the revisions as rev2.
	The number of cells is set to 8 from 1and each cell information are included in SIB
	<u>11 and 12.</u>
	The blue marker show the revisions as rev3.
Consequences if \$ not approved:	<ul> <li>a) Agreed T1SIG#22</li> <li>T1S-020159</li> <li>In case the CR is not approved the test specification will</li> <li>remain misaligned with the latest revision of the core specifications</li> <li>lack information that is typically needed in real network configurations</li> <li>include transmission of redundant information (inefficiency)</li> <li>T1S-020207</li> </ul>
	Erroneous/unrealistic default parameter settings of SIB11/12
	2) T1SIG#23
	It will remain an inconsistency definition in SIB 3 and 4.
	It will remain an impossible TFC in SCCPCH.
	Some strange values for some timers and constants will be In use.
	MM and GMM test cases cannot work.
Clauses affected: \$	6.1, 6.1.1, 6.1.2, 6.1.3,
Other specs # affected:	Conter core specifications % Test specifications O&M Specifications

#### Other comments: ж

## 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

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downloaded from the 3GPP server under <u>ftp://ftp.3gpp.org/specs/</u> 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.

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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.

## <Start of modified section>

# 6 Reference System Configurations

This clause defines a number of Reference System Configurations which can be used for different tests.

## 6.1 Simulated network environments

The UE will eventually have to operate in either single mode networks (FDD or TDD) and dual mode networks (FDD+TDD).

It is <ffs> whether a reference environment needs to be defined for multi-mode networks (eg: the environment could be created by combining two appropriate reference environments from the single mode cases).

The following tables list the default parameters for 1 to 8 cell environments for testing.

In this clause, decimal values are normally used. However, sometimes a hexadecimal value, indicated by an "H", or a binary value, indicated by a "B" is used.

## 6.1.0a Default Master Information Block and Scheduling Block messages

## 6.1.0a.1 Grouping SIBs for testing

Mandatory in	Used in Idle Mode	MIB, SB1, (SB2), SIB1, SIB2, SIB3, SIB5, SIB7,
<mark>34.108</mark>		SIB11
	Used in Connected	SIB4, SIB6, SIB12
	Mode	
Mandatory	/ for FDD CPCH	SIB8, SIB9
Mandatory for FDD DRAC		SIB10
Mandatory for TDD		SIB14, SIB17
Mandatory for LCS		SIB15, SIB15.1, SIB15.2, SIB15.3
Mandatory for ANSI-41 system		SIB13, SIB13.1, SIB13.2, SIB13.3, SIB13.4
Mandatory for InterSys HO		SIB16
Mandatory for Cell reselection		SIB18

## 6.1.0a.2 SIB configurations

<u>Currently three SIB configurations are used, Configuration 1 is default for both UTRAN/FDD SYSTEM and</u> <u>UTRAN/FDD + GERAN SYSTEM. Configuration 2 is for test cases which need two S</u> <u>CCPCH or two PRACH.</u> <u>Configuration 3 is for inter-RAT handover test cases.</u>

Configuration 1	MIB, SB1, SIB1, SIB2, SIB3, SIB4, SIB5, SIB6, SIB7, SIB11, SIB12, SIB18
Configuration 2	MIB, SB1, SIB1, SIB2, SIB3, SIB4, SIB5, SIB7, SIB11, SIB12, SIB18
Configuration 3	MIB, SB1, SIB1, SIB2, SIB3, SIB4, SIB5, SIB7, SIB11, SIB16, SIB18

## 6.1.0a.3 SIB default schedule

Block Type	MIB	SB1	SIB1	SIB2	SIB3	SIB4	SIB5	SIB6	SIB7	SIB11	SIB12	SIB18
SIB_REP	8	<mark>16</mark>	<mark>64</mark>	<mark>64</mark>	<mark>64</mark>	<mark>64</mark>	<mark>64</mark>	<mark>64</mark>	<mark>16</mark>	<mark>64</mark>	<mark>64</mark>	<mark>64</mark>
SEG COUNT	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<mark>4</mark>	<mark>4</mark>	<u>1</u>	<u>3</u>	<u>3</u>	<u>1</u>

Frame No / SIB POS	<u>0</u>	2	<mark>4</mark>	<u>6</u>	<u>8</u>	<u>10</u>	<u>12</u>	<mark>14</mark>
Block Type	MIB	SB1	SIB7	SIB6	MIB	SIB6	SIB6	SIB6
Frame No / SIB_POS	<mark>16</mark>	<mark>18</mark>	<mark>20</mark>	<mark>22</mark>	<mark>24</mark>	<mark>26</mark>	<mark>28</mark>	<mark>30</mark>
Block Type	MIB	SB1	SIB7/SIB 3	<u>SIB1/SIB</u> 2	MIB	SIB12	SIB12	SIB12
Frame No / SIB_POS	<u>32</u>	<mark>34</mark>	<mark>36</mark>	<mark>38</mark>	<u>40</u>	<mark>42</mark>	<mark>44</mark>	<mark>46</mark>
Block Type	<b>MIB</b>	SB1	<u>SIB7/SIB</u> <u>18</u>	SIB5	MIB	SIB5	SIB5	SIB5
Frame No / SIB_POS	<mark>48</mark>	<u>50</u>	<mark>52</mark>	<mark>54</mark>	<u>56</u>	<mark>58</mark>	<u>60</u>	<u>62</u>
Block Type	MIB	SB1	SIB7/SIB 4		<u>MIB</u>	SIB11	SIB11	SIB11

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Contents of Master Information Block PLMN type is the case of GSM-MAP

- MIB value tag	1
- Supported PLMN types	
- PI MN type	GSM-MAP
DI MNI identity	
MCC digit	Sat to the same Mabile Country Codes stared in the fact
	Set to the same wobile Country Codes stored in the test
- MNC digit	USIM card (TS 34.108 clause 8.3.2.2 EF IMSI(IMSI)). Set to the same Mobile Network Codesstored in the test USIM card (TS 34.108 clause 8.3.2.2 EF IMSI(IMSI)).
- ANSI-41 Core Network information	Not Present
- References to other system information blocks	
and scheduling blocks	
- References to other system information	
blocks	
- Scheduling information	
- CHOICE Value tag	Cell Value Tag
- Cell Value tag	1
- Scheduling	
- SEG_COŬNT	1
- SIB_REP	16
- SIB_POS	42
- SIB_POS offset info	Not Present – use default
- SIB type	Scheduling Block 1
- Scheduling information	
- CHOICE Value tag	PLMN Value tag
- PLMN Value tag	1
- SEG COUNT	1
- SIB REP	64
- SIB POS	4422
- SIB_POS offset info	Not Present – use default
- SIB type	System Information Type 1
- Scheduling information	-,
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG COUNT	1
- SIB RFP	64
- SIB POS	<u>4422</u>
- SIB POS offset info	Not Present – use default
- SIB type	System Information Type 2
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG COUNT	1
- SIB RFP	64
- SIB_POS	<del>10</del> 20
- SIB POS offset info	Not Present – use default
- SIB type	System Information Type 3
- Scheduling information	-,
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG COUNT	1
- SIB RFP	64
- SIB_POS	2652
- SIB POS offset info	Not Present – use default
- SIB type	System Information Type 4
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG COUNT	. 4
- SIB REP	64
- SIB_POS	1938
- SIB_POS offset info	
	4
- SIB OFF	2
	2
	2

1

1

1

- SIB type	-	SIB	tvpe	•
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## Contents of Scheduling Block 1 (FDD and 1.28 Mcps TDD)

- References to other system information blocks	
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG COUNT	4
- SIB REP	64
- SIB POS	36
- SIB_POS offset info	
- SIB OFF	4
- SIB_OFF	2
- SIB_OFF	2
- SIB type SIBs only	- System Information Type 6
- Scheduling information	
- CHOICE Value tag	Not Present
- SEG_COUNT	1
- SIB REP	16
- SIB POS	24
- SIB_POS offset info	Not Present
- SIB type SIBs only	System Information Type 7
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	3
- SIB REP	64
- SIB POS	2958
- SIB_POS offset info	
- SIB OFF	2
- SIB_OFF	2
- SIB type SIBs only	- System Information Type 11
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG COUNT	3
- SIB REP	64
- SIB POS	<del>13</del> 26
- SIB POS offset info	
- SIB OFF	2
- SIB_OFF	2
- SIB type SIBs only	System Information Type 12
- Scheduling information	
- CHOICE Value tag	PLMN Value tag
- PLMN Value tag	1
- SEG_COUNT	1
- SIB REP	64
	<del>18</del> 36
- SIB POS offset info	Not Present
- SIB type SIBs only	System Information Type 18

## Contents of Scheduling Block 1 (3.84 Mcps TDD)

Cell Value tag
1
4
128
19
4
2
2
System Information Type 5

- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	4
- SIB_REP	128
- SIB_POS	35
- SIB_POS offset info	
- SIB_OFF	2
- SIB_OFF	2
- SIB_OFF	2
- SIB type SIBs only	System Information Type 6
- Scheduling information	
- CHOICE Value tag	Not Present
- SEG_COUNT	1
- SIB_REP	32
- SIB_POS	11
- SIB_POS offset info	Not Present
- SIB type SIBs only	System Information Type 7
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	2
- SIB_REP	128
- SIB_POS	29
- SIB_POS offset info	
- SIB_OFF	2
- SIB type SIBs only	System Information Type 11
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	2
- SIB_REP	128
- SIB_POS	61
- SIB_POS offset info	
- SIB_OFF	2
- SIB type SIBs only	System Information Type 12
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	1
- SIB_REP	64
	54
- SIB_POS offset info	Not Present - use default
- SIB type SIBS only	System information Type 14
- Scheduling information	
	1
- SID_FUS SIR_ROS offect info	U Not Propert
- SID_FUS UISELIIIU	System Information Type 18
	Зузтент плоннацон туре то

## 6.1.0a.4 SIB special schedules

6.1.0a.4.1 SIB schedule for two S-CCPCH or two PRACH

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6.1.0a.4.2 SIB schedule for Inter-Rat Handover Test

**FFS** 

## 6.1.0b Default System Information Block Messages

Contents of System Information Block type 1 (supported PLMN type is GSM-MAP)

- CN common GSM-MAP NAS system	
information	
- GSM-MAP NAS system information	00 80H
- CN domain system information	
- CN domain identity	PS
- CHOICE CN Type	GSM-MAP
- CN domain specific NAS system information	
- GSM-MAP NAS system information	00 00H
- CN domain specific DRX cycle length	7
coefficient	
- CN domain identity	CS
- CHOICE CN Type	GSM-MAP
- CN domain specific NAS system information	
- GSM-MAP NAS system information	1E 01H
- CN domain specific DRX cycle length	7
coefficient	
- UE Timers and constants in idle mode	
-T300	4000 milliseconds
-N300	7
-T312	10 seconds
- N312	200 <u>1</u>
- UE Timers and constants in connected mode	
- T301	Not Present (2000 milliseconds: default value)
- N301	Not Present (2: default value)
- T302	Not Present ( 4000 milliseconds : default value)
- N302	<u>Not Present (3 : default value)</u>
- T304	Not Present ( <u>12000 milliseconds : default value)</u>
- N304	<u>Not Present ( <del>3</del>2 : default value)</u>
- T305	Not Present ( 6030 minutes : default value)
- T307	<u>Not Present ( 5030 seconds : default value)</u>
- T308	Not Present (160320 milliseconds : default value)
- T309	Not Present (85 seconds: default value)
- T310	Not Present ( <u>320160</u> milliseconds : default value)
- N310	Not Present ( 54 : default value)
- 1311	Not Present (2000500 milliseconds : default value)
- 1312	Not Present ( 51 seconds : default value)
- N312	Not Present ( 2001 : default value)
- 1313	Not Present ( 10 3 seconds : default value)
- IN313 T214	Not Present (2012 default value)
- 1314 T215	Not Present ( 20 12 seconds : default value)
- 1315	Not Present ( 30-180 seconds : default value)
	Not Present ( 2001: default value)
- 1310	Not Present ( 50-30 seconds : default value)
- 1317	<u>INOT Present (1800 seconds : default value)</u>

Contents of System Information Block type 2

- URA identity list	Only 1 URA identity broadcasted
- URA identity	0000 0000 0000 0001B

Contents of System Information Block type 3 (FDD)

- SIB4 indicator	TRUE
- Cell identity	0000 0000 0000 0000 0000 0000 0001B
- Cell selection and re-selection info	
- Mapping info	Not Present
- Cell selection_and_reselection_quality	CPICH RSCP
measure	
- CHOICE mode	FDD
- Sintrasearch	16 dB
- Sintersearch	16 dB
- SsearchHCS	Not Present
- RAT List	This parameter is configurable
- RAT identifier	GSM
- Ssearch,RAT	-32 dB
- SHCS,RAT	Not Present
- Slimit,SearchRAT	Not Present0
- Qqualmin	Reference to table 6.1.1-20 dB
- Qrxlevmin	Reference to table 6.1.1-115 dBm
- Qhyst1s	0-2 dB
- Qhyst2s	Not Present
- Treselections	0 seconds
- HCS Serving cell information	Not Present
- Maximum allowed UL TX power	Reference to table 6.1.133dBm
- Cell Access Restriction	
- Cell barred	Not barred
- Intra-frequency cell re-selection indicator	Not present
- T <sub>barred</sub>	Not present
<ul> <li>Cell Reserved for operator use</li> </ul>	Not reserved
- Cell Reservation Extension	Not reserved
- Access Class Barred List	
- Access Class Barred0	Not barred
- Access Class Barred1	Not barred
- Access Class Barred2	Not barred
- Access Class Barred3	Not barred
- Access Class Barred4	Not barred
- Access Class Barred5	Not barred
- Access Class Barred6	Not barred
- Access Class Barred7	Not barred
- Access Class Barred8	Not barred
- Access Class Barred9	Not barred
- Access Class Barred10	Not barred
- Access Class Barred11	Not barred
- Access Class Barred12	Not barred
- Access Class Barred13	Not barred
- Access Class Barred14	Not barred
- Access Class Barred15	Not barred

## Contents of System Information Block type 3 (3.84 Mcps TDD and 1.28 Mcps TDD)

- SIB4 Indicator	TRUE
- Cell identity	0000 0000 0000 0000 0000 0000 0001B
- Cell selection and re-selection info	
- Mapping info	Not present
- Cell selection_and_reselection_quality	CPICH RSCP
measure	
- CHOICE mode	TDD
- Sintrasearch	10 dB
- Sintersearch	10 dB
- SsearchHCS	Not present
- RAT List	This parameter is configurable
- RAT identifier	GSM
- Ssearch,RAT	-32 dB
- SHCS,RAT	Not present
- Slimit,ShearchRAT	Not Present
- Qrxlevmin	-115 dBm
- Qhyst1s	0 dB
- Treselections	0 seconds
- HCS Serving cell information	Not present
- Maximum allowed UL TX power	30dBm
- Cell Access Restriction	
- Cell barred	Not barred
<ul> <li>Intra-frequency cell re-selection indicator</li> </ul>	Not present
- T <sub>barred</sub>	Not present
<ul> <li>Cell Reserved for operator use</li> </ul>	Not reserved
- Cell Reservation Extension	Not reserved
- Access Class Barred List	
- Access Class Barred0	Not barred
- Access Class Barred1	Not barred
- Access Class Barred2	Not barred
- Access Class Barred3	Not barred
- Access Class Barred4	Not barred
- Access Class Barred5	Not barred
- Access Class Barred6	Not barred
- Access Class Barred7	Not barred
- Access Class Barred8	Not barred
- Access Class Barred9	Not barred
- Access Class Barred10	Not barred
- Access Class Barred11	Not barred
- Access Class Barred12	Not barred
- Access Class Barred13	Not barred
- Access Class Barred14	Not barred
- Access Class Barred15	Not barred

Contents of System Information Block type 4 in connected mode (FDD)

- Cell identity	0000 0000 0000 0000 0000 0000 0001B
<ul> <li>Cell selection and re-selection info</li> </ul>	
- Mapping Info	Not present
<ul> <li>Cell_selection_and_reselection_quality</li> </ul>	CPICH RSCP
measure	
- CHOICE mode	FDD
- Sintrasearch	16 dB
- Sintersearch	16 dB
- SsearchHCS	Not present
- RAT List	This parameter is configurable
- RAT identifier	GSM
- Ssearch,RAT	-32 dB
- SHCS,RAT	Not Present
- Slimit,SearchRAT	Not Present0
- Qqualmin	Reference to table 6.1.1-20 dB
- Qrxlevmin	Reference to table 6.1.1-115 dBm
- Qhyst1s	<mark>θ-2</mark> .dB
- Qhyst2s	Not Present
- Treselections	0 seconds
<ul> <li>HCS Serving cell information</li> </ul>	Not Present
- Maximum allowed UL TX power	Reference to table 6.1.133dBm
- Cell Access Restriction	
- Cell barred	Not barred
<ul> <li>Intra-frequency cell re-selection indicator</li> </ul>	Not present
- T <sub>barred</sub>	Not present
- Access Class Barred	Not barred
<ul> <li>Cell Reserved for operator use</li> </ul>	Not reserved
- Cell Reservation Extension	Not reserved
<ul> <li>Access Class Barred List</li> </ul>	
- Access Class Barred0	Not barred
- Access Class Barred1	Not barred
- Access Class Barred2	Not barred
- Access Class Barred3	Not barred
<ul> <li>Access Class Barred4</li> </ul>	Not barred
- Access Class Barred5	Not barred
<ul> <li>Access Class Barred6</li> </ul>	Not barred
<ul> <li>Access Class Barred7</li> </ul>	Not barred
- Access Class Barred8	Not barred
- Access Class Barred9	Not barred
- Access Class Barred10	Not barred
- Access Class Barred11	Not barred
- Access Class Barred12	Not barred
- Access Class Barred13	Not barred
- Access Class Barred14	Not barred
- Access Class Barred15	Not barred
# Contents of System Information Block type 4 in connected mode (similar to SIB type3) (3.84 Mcps TDD and 1.28 Mcps TDD)

- Cell identity	0000 0000 0000 0000 0000 0000 0001B
<ul> <li>Cell selection and re-selection info</li> </ul>	
- Mapping info	Not Present
<ul> <li>Cell_selection_and_reselection_quality_</li> </ul>	CPICH RSCP
measure	
- CHOICE mode	TDD
- Sintrasearch	10 dB
- Sintersearch	10 dB
- SsearchHCS	Not present
- RAT List	This parameter is configurable
- RAT identifier	GSM
- Ssearch,RAT	-32 dB
- SHCS,RAT	Not present
- Slimit,ShearchRAT	Not Present
- Qrxlevmin	-115 dBm
- Qhyst1s	0 dB
- Treselections	0 seconds
<ul> <li>HCS Serving cell information</li> </ul>	Not present
<ul> <li>Maximum allowed UL TX power</li> </ul>	30dBm
- Cell Access Restriction	
- Cell barred	Not barred
<ul> <li>Intra-frequency cell re-selection indicator</li> </ul>	Not present
- T <sub>barred</sub>	Not present
<ul> <li>Cell Reserved for operator use</li> </ul>	Not reserved
<ul> <li>Cell Reservation Extension</li> </ul>	Not reserved
<ul> <li>Access Class Barred List</li> </ul>	
- Access Class Barred0	Not barred
<ul> <li>Access Class Barred1</li> </ul>	Not barred
<ul> <li>Access Class Barred2</li> </ul>	Not barred
<ul> <li>Access Class Barred3</li> </ul>	Not barred
<ul> <li>Access Class Barred4</li> </ul>	Not barred
- Access Class Barred5	Not barred
<ul> <li>Access Class Barred6</li> </ul>	Not barred
<ul> <li>Access Class Barred7</li> </ul>	Not barred
<ul> <li>Access Class Barred8</li> </ul>	Not barred
<ul> <li>Access Class Barred9</li> </ul>	Not barred
- Access Class Barred10	Not barred
<ul> <li>Access Class Barred11</li> </ul>	Not barred
- Access Class Barred12	Not barred
- Access Class Barred13	Not barred
- Access Class Barred14	Not barred
- Access Class Barred15	Not barred

I

#### Contents of System Information Block type 5 (FDD)

	,
- SIB6 indicator	TRUE
- PICH Power offset	-5 dB
- AICH Power offset	5 dB
- Primary CCPCH info	Not present
	FALSE
<ul> <li>PRACH system information list</li> </ul>	
- PRACH system information	
- PRACH info	
- CHOICE mode	FDD
- Available Signature	'0000 0000 1111 1111'B
	64
Proomble corombling code number	04
- Freamble scrambling code number	0
- Puncturing Limit	1.00
- Available Sub Channel number	'1111 1111 1111'B
- Transport Channel Identity	15
- RACH TFS	
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC size	168
- Number of TB and TTI List	
- Number of Transport blocks	1
- CHOICE Mode	
- CHOICE Logical Channel List	Configured
	000
- Number of TB and TTT+List	
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	Configured
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	20 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	150
CPC cizo	16
	10
- IFCI Field 1 information	
- CHOICE IFCS representation	Complete reconfiguration
<ul> <li>TFCS complete <u>reconfiguration</u> information</li> </ul>	
- CHOICE CTFC Size	2 bit
- CTFC information	0
<ul> <li>Power offset information</li> </ul>	
- CHOICE Gain Factors	Computed Gain Factor
- Reference TFC ID	0
- CHOICE Mode	FDD
- Power offset Pp-m	0 dB
- CTEC information	1
- Power offset information	'
- CHOICE Cain Eastors	Signalled Gain Eactor
- Gain factor ISC	
- Gain factor ISd	15
- Reterence TFC ID	0
- CHOICE Mode	FDD
- Power offset Pp-m	0 dB
- PRACH partitioning	
- Access Service Class	
- ASC Setting	Not Present
- CHOICE mode	FDD
- Available signature Start Index	0.(ASC#0)
- Available signature End Index	7 (ASC#0)
- Assigned Sub channel Number	11111'B
ASC Sotting	
- ASU Selling	
- Available signature Start Index	
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#1)
	1 '1111'P

- ASC Setting	Not Present
	FDD
- Available signature Start Index	<del>0 (ASC#2)</del>
<ul> <li>Available signature End Index</li> </ul>	<del>7 (ASC#2)</del>
- Assigned Sub-channel Number	<u>-1111-В</u>
- ASC Setting	EDD
- CHOICE Mode	
- Available signature End Index	7 (ΔSC#3)
- Assigned Sub-channel Number	(1111'B
- ASC Setting	Not Present
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#4)
- Available signature End Index	7 (ASC#4)
—- Assigned Sub-channel Number	<mark>'1111'B</mark>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#5)
- Available signature End Index	7 (ASC#5)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	Not Present
- Available signature End Index	7 (ASC#6)
- Assigned Sub-channel Number	<u>11111B</u>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#7)
- Available signature End Index	7 (ASC#7)
- Assigned Sub-channel Number	'1111'B
<ul> <li>Persistence scaling factor</li> </ul>	
- Persistence scaling factor	0.9 (for ASC#2)
- Persistence scaling factor	0.9 (for ASC#3)
- Persistence scaling factor	0.9 (for ASC#4)
- Persistence scaling factor	0.9 (for ASC#5)
- Persistence scaling factor	0.9 (101 ASC#0)
- AC-to-ASC mapping table	0.9 (101 ASC#7)
- AC-to-ASC mapping table	6 (AC0-9)
- AC-to-ASC mapping	5 (AC10)
- AC-to-ASC mapping	4 (AC11)
- AC-to-ASC mapping	3 (AC12)
- AC-to-ASC mapping	2 (AC13)
- AC-to-ASC mapping	1 (AC14)
<ul> <li>AC-to-ASC mapping</li> </ul>	0 (AC15)
- Primary CPICH DL TX power	31
- Constant value	-10
- PRACH power offset	24B
- Preamble Retrans Max	24
- RACH transmission parameters	
- Mmax	2
- NB01min	3 slot
- NB01max	10 slot
- AICH info	
- Channelisation code	3
- STTD indicator	FALSE
- AICH transmission timing	0
- Secondary CCPCH system information	
- Secondary CCPCH Into	Drimony CDICLL may be used
Secondary CPICH info	Proceed to the second terminal of the second terminal second terminal second terminal second terminal second secon
- Secondary scrambling code	Not Present
- STTD indicator	FALSE
- Spreading factor	64
- Code number	1
	•
- Pilot symbol existence	FALSE
- Pilot symbol existence - TFCI existence	FALSE TRUE

Timing offect	
	(This IE is repeated for TEC number for PCH and EACH)
- TFC3	(This is is repeated for TFC humber for FCT and FACT.)
- Nollilal	
	O malete as a financia
- CHOICE IFCS representation	
- IFCS complete information	<b>•</b>
- CHOICE CTFC Size	4 bit
- CTFC information	0
<ul> <li>Power offset information</li> </ul>	Not Present
- CTFC information	1
<ul> <li>Power offset information</li> </ul>	Not Present
- CTFC information	2
- Power offset information	Not Present
- CTEC information	3
Power effect information	S Not Procent
- Fower onset information	
- CIFC Information	4 Not Descent
- Power offset information	Not Present
- CIFC information	5
- Power offset information	Not Present
<ul> <li>CTFC information</li> </ul>	6
<ul> <li>Power offset information</li> </ul>	Not Present
- CTFC information	8
<ul> <li>Power offset information</li> </ul>	Not Present
	10
- Power offset information	Not Present
- EACH/PCH information	Norrioont
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	240
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
	Convolutional
- Type of channel county	
- Couling Rate	1/2
- Rate matching attribute	230
- CRC size	
- Transport Channel Identity	12 (for PCH)
- CTCH indicator	FALSE
- TFS	(FACH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	168
- Number of TB and TTLList	
- Number of Transport blocks	0
- Number of Transport blocks	
Number of Transport blocks	
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
<ul> <li>Transmission time interval</li> </ul>	10 ms
<ul> <li>Type of channel coding</li> </ul>	Convolutional
- Coding Rate	1/2
- Rate matching attribute	220
- CRC size	16 bit
- Transport Channel Identity	13 (for FACH)
- CTCH indicator	FALSE
- TES	(FACH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
	260
- KLU OIZU Number of TD and TTL List	300
- Number of TB and 111 LIST	
- Number of Transport blocks	
- Number of Transport blocks	
- CHOICE Mode	ן אטט

- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
<ul> <li>Transmission time interval</li> </ul>	10 ms
<ul> <li>Type of channel coding</li> </ul>	Turbo
- Rate matching attribute	130
- CRC size	16bit
- Transport Channel Identity	14 (for FACH)
- CTCH indicator	FALSE
- PICH info	
- Channelisation code	2
- Number of PI per frame	18
- STTD indicator	FALSE
- CBS DRX Level 1 information	Not Present

### Contents of System Information Block type 5 (3.84 Mcps TDD)

- SIB6 indicator	TRUE
- PICH Power offset	-5 dB
- CHOICE Mode	TDD
- PUSCH system information	Not Present
- PDSCH system information	Not Present
- TDD open loop power control	
- Primary CCPCH Tx Power	30 dbm
	3.84 More TDD /PEL-4/
	(1/9)
PRACH Constant Value	10
- FRACH Constant Value	-10
- DPCH Constant Value	-10
- PUSCH Constant Value	
- UE positioning related parameters	Not Present /REL-4/
- Primary CCPCH info	
- CHOICE mode	TDD
- CHOICE TDD option	3.84 Mcps TDD /REL-4/
- CHOICE SyncCase	Sync Case 2
- Timeslot	0
- Cell parameters ID	Not Present
- SCTD indicator	FALSE
<ul> <li>PRACH system information list</li> </ul>	
<ul> <li>PRACH system information</li> </ul>	
- PRACH info	
- CHOICE mode	TDD
- CHOICE TDD option	3.84 Mcps TDD /REL-4/
- Timeslot number	14
- PRACH Channelisation Code List	
- CHOICE SF	SF8
- Channelisation Code List	
- Channelisation Code	8/1
- Channelisation Code	8/2
- Channelisation Code	8/3
- Channelisation Code	8/4
- PRACH Midamble	Direct
- PNBSCH allocation	Not Present /REL-4/
- Transport Channel Identity	15
- RACH TES	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	Common transport channels
	Reference clause 6 10 Parameter Set
- Number of TB and TTL List	Reference clause 6.10 Parameter Set
- Number of Transport blocks	Reference clause 6.10 Parameter Set
	Not Propert
- Hansmission Time Interval	
	ALL
- Semi-static Transport Format information	Defension alound 0.40 Day (
- I ransmission time interval	Reference clause 6.10 Parameter Set
- Type of channel coding	Reference clause 6.10 Parameter Set
- Coding Rate	Reterence clause 6.10 Parameter Set
- Rate matching attribute	Reference clause 6.10 Parameter Set
- CRC size	Reference clause 6.10 Parameter Set

	Not present
- PRACH partitioning	Not present
- Access Service Class	
- ASC Settings	(ASC#0)
- CHOICE mode	
- CHOICE TDD option	3 84 Mcns TDD
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#1)
- CHOICE mode	
- CHOICE TDD ontion	3 84 Mcps TDD
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#2)
- CHOICE mode	TDD
- CHOICE TDD option	3.84 Mcps TDD
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#3)
- CHOICE mode	TDD
- CHOICE TDD option	3.84 Mcps TDD
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#4)
- CHOICE mode	TDD
- CHOICE TDD option	3.84 Mcps TDD
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- ASC Settings	(ASC#5)
- CHOICE mode	TDD
- CHOICE TDD option	3.84 Mcps TDD
<ul> <li>Available Channelisation codes indices</li> </ul>	Not Present (Default all)
<ul> <li>CHOICE subchannel size</li> </ul>	Size1
- Available Subchannels	null
- ASC Settings	(ASC#6)
- CHOICE mode	TDD
- CHOICE IDD option	3.84 Mcps IDD
- Available Channelisation codes indices	Not Present (Default all)
- CHOICE subchannel size	Size1
- Available Subchannels	null
- Persistence scaling factors	
- Access Service Class	0.0 (for 0.00/10)
- Persistence scaling factor	0.9 (101  ASC + 2)
- Persistence scaling factor	0.9 (IOF ASC#3)
- Persistence scaling factor	0.9 (101  ASC#4)
- Persistence scaling factor	0.9 (IOI ASC#5)
- AC-to-ASC mapping	0.9 (101 ASC#0)
- AC-to-ASC mapping	
- AC-to-ASC mapping table	6 (AC0-9)
- AC-to-ASC mapping	5 (AC10)
- AC-to-ASC mapping	4 (AC11)
- AC-to-ASC mapping	3 (AC12)
- AC-to-ASC mapping	2(AC13)
- AC-to-ASC mapping	1 (AC14)
- AC-to-ASC mapping	0 (AC15)
- CHOICE mode	TDD (no data)
- Secondary CCPCH system information	(,
- Secondary CCPCH system information	
- Secondary CCPCH info	
- CHOICE mode	TDD
- Offset	0
- Common timeslot info	
- 2 <sup>nu</sup> interleaving mode	Frame

- TFCI codina Reference clause 6.10 Parameter Set - Puncturing limit Reference clause 6.10 Parameter Set - Repetition period Not Present (MD "1") - Repetition length Not present (empty) - Individual timeslot info - CHOICE TDD option 3.84 Mcps TDD - Timeslot number 1 - TFCI existence Reference clause 6.10 Parameter Set - Midamble Shift and burst type - CHOICE TDD option 3.84 Mcps TDD - CHOICE Burst Type Type 1 - Midamble Allocation Mode Default midamble - Midamble configuration burst type 1 and 3 - Midamble Shift Not Present - CHOICE TDD option 3.84 Mcps TDD - no data - Code List - Channelisation Code (This IE is repeated for Code number for PCH and FACH) - TFCS (This IE is repeated for TFC number for PCH and FACH.) - Normal - TFCI Field 1 information - CHOICE TFCS representation Addition - TFCS addition information - CHOICE CTFC Size Number of bits used must be enough to cover all combinations of CTFC from clause 6.10. - CTFC information Reference clause 6.10 Parameter Set - Power offset information Not Present - FACH/PCH information - TFS (PCH) - CHOICE Transport channel type Common transport channels - Dynamic Transport format information - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Reference clause 6.10 Parameter Set - CHOICE Logical Channel List ALL - Semi-static Transport Format information Reference clause 6.10 Parameter Set - Transmission time interval - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set - Rate matching attribute Reference clause 6.10 Parameter Set - CRC size Reference clause 6.10 Parameter Set - Transport Channel Identity 12 (for PCH) - CTCH indicator FALSE (FACH) - TFS - CHOICE Transport channel type Common transport channels - Dynamic Transport format information - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Reference clause 6.10 Parameter Set - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set - Type of channel coding Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - Coding Rate - Rate matching attribute Reference clause 6.10 Parameter Set - CRC size Reference clause 6.10 Parameter Set - Transport Channel Identity 13 (for FACH) FALSE - CTCH indicator - TES (FACH) - CHOICE Transport channel type Common transport channels - Dynamic Transport format information - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set

<ul> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>CHOICE Logical Channel List</li> <li>Semi-static Transport Format information</li> </ul>	Reference clause 6.10 Parameter Set TDD ALL
- Transmission time interval	Reference clause 6.10 Parameter Set
<ul> <li>Type of channel coding</li> </ul>	Reference clause 6.10 Parameter Set
- Coding Rate	Reference clause 6.10 Parameter Set
<ul> <li>Rate matching attribute</li> </ul>	Reference clause 6.10 Parameter Set
- CRC size	Reference clause 6.10 Parameter Set
- Transport Channel Identity	14 (for FACH)
- CTCH indicator	FALSE
- PICH info	
- CHOICE mode	TDD
- Channelisation code	16/16
- Timeslot number	0
- CHOICE TDD option	3.84 Mcps TDD
- CHOICE Burst Type	Туре 1
- Midamble Shift	0
<ul> <li>Repetition period/length</li> </ul>	64/2
- Offset	0
<ul> <li>Paging indicator length</li> </ul>	4
- N <sub>GAP</sub>	4
- N <sub>PCH</sub>	2
- CBS DRX Level 1 information	Not Present

Contents of System Information Block type 5 (1.28 Mcps TDD)

	· ·
- SIB6 indicator	TRUE
- PICH Power offset	-5 dB
- PUSCH system information	Not Present
<ul> <li>PDSCH system information</li> </ul>	Not Present
- TDD open loop power control	
- Primary CCPCH Ty Power	30 dbm
	4.20 Mono TDD /DEL 4/
	1.20 Micps TDD /REL-4/
- no data	
- Primary CCPCH info	
- CHOICE mode	חחד
	1.28 Mone TDD /PEL $4/$
- ISID Indicator	FALSE
- Cell parameters ID	Not Present
<ul> <li>Block STTD indicator</li> </ul>	FALSE
- PRACH system information list	
- PRACH system information	
- CHOICE mode	מטו
- CHOICE TDD option	1.28 Mcps TDD /REL-4/
- SYNC UL info	
- SYNC III codes hitman	"11111111"
- III Target SIR	10 dB
- Power Ramping Step	3 dB
<ul> <li>Max SYNC_UL Transmissions</li> </ul>	8
- Mmax	32
- PRACH definition	
Timoslot number	
- CHOICE IDD option	1.28 MCps TDD /REL-4/
- Timeslot number	1
<ul> <li>PRACH Channelisation Code List</li> </ul>	
- Channelisation Code List	
Channelisation Code	(9/1)
	(0/1)
- Midamble Shift and burst type	
- CHOICE TDD option	1.28 Mcps TDD /REL-4/
- Midamble Allocation Mode	Default midamble
- Midamble configuration	8
Midamble Shift	Not procept
	Not present
- FPACH INTO	
- Timeslot number	6
<ul> <li>Channelisation code</li> </ul>	(16/16)
- Midamble Shift and burst type	
- Midample Allocation Mode	Common Midamble
- Midamble configuration	8
- Midamble Shift	Not present
- WT	4
- PNBSCH allocation	Not Present /REL-4/
Transport Channel Identity	15
	15
- RACH IFS	
- CHOICE Transport channel type	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC size	Reference clause 6.10 Parameter Set
- Number of TB and TTLL ist	Reference clause 6 10 Parameter Set
- Number of Transport blocks	Reference clause 6 10 Parameter Set
- NUMBER OF HARSPOR DIOCKS	TOD
<ul> <li>Transmission Time Interval</li> </ul>	Not Present
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
- Semi-static Transport Format information	
- Transmission time interval	Reference clause 6 10 Parameter Set
Tupo of oboppol anding	Reference clause 0.10 Falameter Set
- Type of channel couling	Reference clause o. 10 Parameter Set
- Coding Rate	Reference clause 6.10 Parameter Set
<ul> <li>Rate matching attribute</li> </ul>	Reference clause 6.10 Parameter Set
- CRC size	Reference clause 6.10 Parameter Set
- RACH TFCS	Not present
- PRACH partitioning	
- ACCESS SERVICE CIASS	

	- ASC Settings	(ASC#0)	
	- CHOICE mode	TDD	
	- CHOICE TDD option	1.28 Mcps TDD	
ļ	- Available SYNC_UL codes indices	"11111111 <mark>4</mark> "	
	- CHOICE subchannel size	Size1	
	- Available Subchannels		
	- ASC Settings		
	- CHOICE TOD ontion	1 28 Mens TDD	
1	- Available SYNC 11 codes indices	"11111111111"	
•	- CHOICE subchannel size	Size1	
	- Available Subchannels	Null	
	- ASC Settings	(ASC#2)	
	- CHOICE mode	TDD	
	- CHOICE TDD option	1.28 Mcps TDD	
	<ul> <li>Available SYNC_UL codes indices</li> </ul>	"1111111 <mark>4</mark> "	
	- CHOICE subchannel size	Size1	
	- Available Subchannels	Null	
	- ASC Settings		
	CHOICE TOD option		
1	- Available SYNC 111 codes indices	"11111111 <mark>1</mark> "	
I	- CHOICE subchannel size	Size1	
	- Available Subchannels	Null	
	- ASC Settings	(ASC#4)	
	- CHOICE mode	TDD	
	- CHOICE TDD option	1.28 Mcps TDD	
	<ul> <li>Available SYNC_UL codes indices</li> </ul>	"1111111 <mark>4</mark> "	
	- CHOICE subchannel size	Size1	
	- Available Subchannels	Null (ASC#F)	
	- ASC Settings		
	- CHOICE III000	1 28 Mens TDD	
1	- Available SYNC UL codes indices	"111111114"	
•	- CHOICE subchannel size	Size1	
	- Available Subchannels	Null	
	- ASC Settings	(ASC#6)	
	- CHOICE mode	TDD	
	- CHOICE TDD option	1.28 Mcps TDD	
l	- Available SYNC_UL codes indices	"11111111 <mark>4</mark> "	
	- CHOICE subchannel size	Size1	
	- Available Subchannels	NUI	
	- Access Service Class	0.9 (for ASC#2)	
	- Persistence scaling factor	0.9 (for ASC#3)	
	- Persistence scaling factor	0.9 (for ASC#4)	
	- Persistence scaling factor	0.9 (for ASC#5)	
	<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#6)	
	<ul> <li>AC-to-ASC mapping</li> </ul>		
	- AC-to-ASC mapping table		
	- AC-to-ASC mapping	6 (AC0-9)	
	- AC-to-ASC mapping	5 (AC10)	
	- AC-IO-ASC mapping	(AC12)	
	- AC-to-ASC mapping	2 (AC13)	
	- AC-to-ASC mapping	1 (AC14)	
	- AC-to-ASC mapping	0 (AC15)	
	- CHOICE mode	TDD (no data)	
	<ul> <li>Secondary CCPCH system information</li> </ul>		
	<ul> <li>Secondary CCPCH system information</li> </ul>		
	- Secondary CCPCH info		
	- CHOICE mode	TDD	
	- UIISEI Common timestat info	U	
	- Common umesiot into	Frame	
	- Z Inteneaving mode	Reference clause 6 10 Parameter	Set
	- Puncturing limit	Reference clause 6.10 Parameter	Set
	- Repetition period	1	201
	- Repetition length	0	

- Individual timeslot info 1.28 Mcps TDD - CHOICE TDD option - Timeslot number 0 Reference clause 6.10 Parameter Set - TFCI existence - Midamble Shift and burst type - CHOICE TDD option 1.28 Mcps TDD - Midamble Allocation Mode Default midamble - Midamble configuration 4 - Midamble Shift Not Present - CHOICE TDD option 1.28 Mcps TDD - Modulation Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - SS-TPC Symbols - Code List - Channelisation Code Reference clause 6.10 Parameter Set - TFCS Reference clause 6.10 Parameter Set - Normal - TFCI Field 1 information Addition - CHOICE TFCS representation - TFCS addition information - CHOICE CTFC Size Number of bits used must be enough to cover all combinations of CTFC from clause 6.10. Reference clause 6.10 Parameter Set - CTFC information - Power offset information Not Present - FACH/PCH information 12 (for PCH) - Transport Channel Identity (PCH) - TFS - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.) - RLC Size Reference clause 6.10 Parameter Set - Number of TB and TTI List Reference clause 6.10 Parameter Set - Number of Transport blocks Reference clause 6.10 Parameter Set - CHOICE Mode TDD - Transmission Time Interval Not Present - CHOICE Logical Channel List ALL - Semi-static Transport Format information - Transmission time interval Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - Type of channel coding - Coding Rate Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - Rate matching attribute - CRC size Reference clause 6.10 Parameter Set - Transport Channel Identity 13 (for FACH) (FACH) - TFS - CHOICE Transport channel type Common transport channels - Dynamic Transport format information (This IE is repeated for TFI number.) Reference clause 6.10 Parameter Set - RLC Size - Number of TB and TTI List Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - Number of Transport blocks - CHOICE Mode TDD - Transmission Time Interval Not Present - CHOICE Logical Channel List ALL - Semi-static Transport Format information Reference clause 6.10 Parameter Set - Transmission time interval - Type of channel coding Reference clause 6.10 Parameter Set - Coding Rate Reference clause 6.10 Parameter Set Reference clause 6.10 Parameter Set - Rate matching attribute - CRC size Reference clause 6.10 Parameter Set - CTCH indicator FALSE - PICH info - CHOICE mode TDD - Channelisation code list - Channelisation code (16/1) - Channelisation code (16/2)- Timeslot number 0 - CHOICE TDD option 1.28 Mcps TDD - Midamble shift and burst type 0 - CHOICE TDD option 1.28 Mcps TDD - Midamble Allocation Mode Default midamble - Midamble configuration 8 Not Present

- Midamble Shift

- Repetition period/length	64/2	
- Offset	0	
<ul> <li>Paging indicator length</li> </ul>	4	
- N <sub>GAP</sub>	4	
- N <sub>PCH</sub>	2	
- CBS DRX Level 1 information	Not Present	

### Contents of System Information Block type 6 in connected mode (FDD)

- PICH power offset	-5 dB
- CHOICE Mode	FDD
- AICH power offset	5 dB
- Primary CCPCH info	Not present
- TX Diversity indicator	FALSE
DDACL eveters information list	
- PRACH system information list	
- PRACH system information	
- PRACH info	
- CHOICE mode	FDD
- Available Signature	'0000 0000 1111 1111'B
- Available SE	64
Proomble corombling code number	0
- Preamble scrambling code number	
- Puncturing Limit	1.00
- Available Sub Channel number	'1111 1111 1111'B
- Transport Channel Identity	15
- RACH TES	
- CHOICE Transport channel type	Common transport channels
Dynamic Transport format information	
	100
- RLC SIZE	168
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	Configured
	360
Number of TR and TTL List	
	4
- Number of Transport blocks	
- CHOICE Mode	FDD
- CHOICE Logical Channel List	Configured
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	20 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
Poto matching attributo	150
	10
	16
- RACH IFCS	
- Normal	
- TFCI Field 1 information	
- CHOICE TFCS representation	Complete reconfiguration
- TECS addition information	
- CHOICE CTEC Size	2 hit
CTEC information	0
- CTFC Information	0
- CHOICE Gain Factors	Computed Gain Factor
- Reference TFC ID	0
- CHOICE Mode	FDD
- Power offset Pp-m	0 dB
- CTFC information	1
- Power offset information	
- CHOICE Gain Factors	Signalled Gain Factor
- Gain factor isd	15
- Reference TFC ID	0
- CHOICE Mode	FDD
- Power offset Pp-m	0 dB
- PRACH partitioning	
- Access Service Class	
- ASC Setting	Not Present

- Available signature Start Index	<del>0 (ASC#0)</del>
- Available signature End Index	
ASC Setting	<u>++++</u> ₽
- ASC Setting	EDD
- Available signature Start Index	0 (ASC#1)
- Available signature End Index	7 (ASC#1)
- Assigned Sub-channel Number	(1111'B
- ASC Setting	Not Present
	FDD
- Available signature Start Index	<del>0 (ASC#2)</del>
- Available signature End Index	7 (ASC#2)
	<mark>'1111'B</mark>
- ASC Setting	
- CHOICE mode	FDD
<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#3)
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#3)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	Not Present
- Available signature Start Index	$\frac{0}{(ASC#4)}$
Assigned Sub shapped Number	<del>7 (ABUI/1)</del> (1111)D
- ASC Setting	
- ASC Setting - CHOICE mode	EDD
- Available signature Start Index	0 (ASC#5)
- Available signature End Index	7 (ASC#5)
- Assigned Sub-channel Number	(1111'B
- ASC Setting	Not Present
	FDD
- Available signature Start Index	<mark>0 (ASC#6)</mark>
- Available signature End Index	7 (ASC#6)
- Assigned Sub-channel Number	<mark>-1111'B</mark>
- ASC Setting	
- CHOICE mode	FDD
<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#7)
- Available signature End Index	7 (ASC#7)
- Assigned Sub-channel Number	'1111'B
- Persistence scaling factor	0.0 (far A00 (0)
- Persistence scaling factor	0.9 (IOF ASC#2)
- Persistence scaling factor	0.9 (101  ASC + 3)
- Persistence scaling factor	0.9 (101 ASC#4)
- Persistence scaling factor	0.9 (for ASC#6)
- Persistence scaling factor	0.9 (for ASC#7)
- AC-to-ASC mapping	Not Present
- Primary CPICH DL TX power	31
- Constant value	-10
- PRACH power offset	
- Power Ramp Step	3dB
- Preamble Retrans Max	2 <u>4</u>
- RACH transmission parameters	
- Mmax	2
- NB01min	3 slot
- NB01max	10 slot
- AICH INTO	
- Unannelisation code	
- STID INUCALOI	I FALSE
- Secondary CCPCH system info	
- Secondary CCPCH info	
	Primary CPICH may be used
- Secondary CPICH info	Not Present
- Secondary scrambling code	Not Present
- STTD indicator	FALSE
- Spreading factor	64
- Code number	1
- Pilot symbol existence	FALSE
- TECI existence	TRUE

- Fixed or Flexible position	Flexible
- Timing offset	0
- IFCS	(This IE is repeated for TFC number for PCH and FACH.)
- Normal	
- CHOICE TECS representation	Complete reconfiguration
- TFCS addition information	
- CHOICE CTFC Size	<mark>4</mark> bit
- CTFC information	0
- Power offset information	Not Present
- CTFC information	1 Not Descent
- Power offset information	Not Present
- CIFC Information	Z Not Present
- CTFC information	3
- Power offset information	Not Present
- CTFC information	4
- Power offset information	Not Present
- CTFC information	5
- Power offset information	Not Present
- CIFC information	6 Not Present
- Power onset mormation	
- Power offset information	o Not Present
	10
	Not Present
- FACH/PCH information	
- TFS	(PCH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	240 (PCCH)
- Number of Transport blocks	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- CRC size	230 16 hit
- Transport Channel Identity	12 (for PCH)
- CTCH indicator	FALSE
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
- Dynamic Transport format information	
- RLC Size	168
- Number of TB and TTI List	0
- Number of Transport blocks	1
- Number of Transport blocks	2
- Number of Transport blocks	3
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	
- County Rate	230
- CRC size	16 bit
- Transport Channel Identity	13 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	000
- KLU SIZE	300
- Number of Transport blocks	0

- Number of Transport blocks	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Turbo
- Rate matching attribute	130
- CRC size	16bit
- Transport Channel Identity	14 (for FACH)
- CTCH indicator	FALSE
- PICH info	
- Channelisation code	2
- Number of PI per frame	18
- STTD indicator	FALSE
- CBS DRX Level 1 information	Not Present

Contents of System Information Block type 7 (FDD)

CHOICE Mode	FDD
- UL interference	-100dBm
- PRACHs listed in system information block	
type5	
- Dynamic persistence level	2
- PRACHs listed in system information block	
type6	
- Dynamic persistence level	2
- Expiration Time Factor	Not Present – use default value of 1

#### Contents of System Information Block type 7 (TDD)

<ul> <li>PRACHs listed in system information block type5</li> <li>Dynamic persistence level</li> <li>PRACHs listed in system information block type6</li> </ul>	2
- Dynamic persistence level	2
-Expiration Time Factor	Not Present – use default value of 1

#### Contents of System Information Block type 8, 9 (only for FDD)

This information is used for static CPCH in the cell, so this is not present.

Contents of System Information Block type 10 (only for FDD) This information is used for DRAC, so this is not present. Contents of System Information Block type 11 (FDD)

- SIB12 indicator	TRUE
	INOL IN THE REPORT OF THE REPORT
- FACH measurement occasion into	Not Present
- Measurement control system information	
- Use of HCS	Not used
- Cell selection and reselection quality -	
- Oen_Selection_and_reselection_quality	
measure	
Intra fraguancy maggurament system	
- Inita-fiequency fileasurement system	
information	
Intra fraguancy massurement identity	1
- initia-frequency measurement identity	1
<ul> <li>Intra-frequency cell info list</li> </ul>	
CHOICE intro fraguanay call removal	Romova na intra fraguanav colla
	Remove no intra-frequency cells
<ul> <li>New intra-frequency cells</li> </ul>	
	1
- Intra-frequency cell ld	
- Cell info	
- Cell Individual offset	UQB
<ul> <li>Reference time difference to cell</li> </ul>	Not Present
- Read SFIN Indicator	IRUE
- CHOICE mode	FDD
	100
- Primary UPICH INTO	
- Primary scrambling code	Refer to clause titled "Default settings for cell No.1 (FDD)"
	in cloure 6.1
	In clause 6.1
- Primary CPICH TX power	Not Present
- IX Diversity indicator	FALSE
- Cell Selection and Re-selection info	Not present
	<mark>⊎ αΒ</mark>
- Qoffset2s.n	Not Present
- Maximum allowed UL 1X power	<del>33 GBM</del>
HCS neighbouring cell information	Not Present
CHOICE mode	
	<del>FUU</del>
	-20 dB
Ondeumin	
	- HO OBIII
<ul> <li>Cell for measurement</li> </ul>	Not Present
Intra fraguancy coll id	2
- mua-nequency centu	
- Cell info	
Coll individual offset	0dP
- Cell individual offset	0dB
- Cell individual offset     - Reference time difference to cell	0dB Not Present
Cell individual offset     Reference time difference to cell	0dB Not Present
- Cell individual offset     - Reference time difference to cell     - Read SFN indicator	0dB Not Present TRUE
- Cell individual offset     - Reference time difference to cell     - Read SFN indicator     - CHOICE mode	0dB Not Present TRUE FDD
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info	0dB Not Present TRUE FDD
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info	0dB Not Present TRUE FDD
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code	0dB Not Present TRUE FDD Refer to clause titled "Default settings for cell No.2 (FDD)"
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code	0dB Not Present TRUE FDD Refer to clause titled "Default settings for cell No.2 (FDD)" in clause 6.1
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code	0dB Not Present TRUE FDD Refer to clause titled "Default settings for cell No.2 (FDD)" in clause 6.1
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code     Primary CPICH TX power	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re selection info	0dB Not Present TRUE FDD Refer to clause titled "Default settings for cell No.2 (FDD)" in clause 6.1 Not Present FALSE
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>S.p</sub>	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Outfset2s n	0dB Not Present TRUE FDD Refer to clause titled "Default settings for cell No.2 (FDD)" in clause 6.1 Not Present FALSE 0 dB Not Present
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>s.n</sub> Qoffset2s.n	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s,n     Qoffset2s,n     Maximum allowed UL TX power	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>S,n</sub> Qoffset2 <sub>S,n</sub> Maximum allowed UL TX power     HCS peighbouring cell information	0dB Not Present TRUE FDD Refer to clause titled "Default settings for cell No.2 (FDD)" in clause 6.1 Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary cPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     OUDDE	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>s.n</sub> Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qoglamin	0dB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qualmin	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Preference to table 6.1.1
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>s.n</sub> Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qualmin     Qrxlevmin	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1         Not Present
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s,n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qrxlevmin     Cell for measurement	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Not Present         2
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary cPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qualmin     Qualmin     Cell for measurement     Intra-frequency cell id	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         OdB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qurstevmin     Cell for measurement     Intra-frequency cell id     Cell info	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FD         Reference to table 6.1.1         Not Present         3
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s,n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell info	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary cPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell individual offset	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qualmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell individual offset     Reference time difference to cell	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3
Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>S,n</sub> Qoffset2 <sub>S,n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell individual offset     Reference time difference to cell	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary cPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     Qualmin     Qualmin     Qualmin     Cell for measurement     Intra-frequency cell id     Cell individual offset     Reference time difference to cell     Read SFN indicator	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3
Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qualmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Cell info     COMPARENT:     Reference time difference to cell     Read SFN indicator	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3         OdB         Not Present         TRUE         FDD
Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary cPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>S.n</sub> Qoffset2 <sub>S,n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Read SFN indicator	0dB Not Present TRUE FDD Refer to clause titled "Default settings for cell No.2 (FDD)" in clause 6.1 Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1 Reference to table 6.1.1 Not Present 3 0dB Not Present 3
Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary cPICH TX power     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         OdB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3         OdB         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         FDD
Cell individual offset     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Quralevmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     CHOICE mode     Primary CPICH info     Cell info     Cell info     Cell info     Cell individual offset     Reference time difference to cell     Primary CPICH info     Primary CPICH info     Primary CPICH info     Primary cPICH info	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3         OdB         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"
Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>S.n</sub> Qoffset2 <sub>S,n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell info     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary Scrambling code	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3         OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1
Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary cPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s,n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell individual offset     Reference time difference to cell     Read SFN indicator     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1
Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell individual offset     Reference time difference to cell     Read SFN indicator     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH TX power     CHOICE mode     Primary CPICH info     Primary CPICH info     Primary CPICH INFo     Primary CPICH TX power	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         OdB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         J         OdB         Not Present         B         Not Present         J         OdB         Not Present         J         OdB         Not Present         J         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         Not Present
Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qualmin     Qurklevmin     Cell info     Cell info     Cell info     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH TX power     TX Diversity indicator     CHOICE mode     Qualmin     Qurklevmin     Cell for measurement     Intra-frequency cell id     Cell info     Cell info     Cell info     Cell info     Cell info     CHOICE mode     Primary CPICH info     Primary CPICH TX power     TX Diversity indicator     TX Diversity indicator	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         J         OdB         Not Present         B         Not Present         J         OdB         Not Present         J         OdB         Not Present         J         OdB         Not Present         J         OdB         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FALSE
Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>s.n</sub> Qoffset2 <sub>s.n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell individual offset     Reference time difference to cell     Read SFN indicator     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH Info     Cell individual offset     Reference time difference to cell     Primary CPICH info     Primary CPICH TX power     Primary CPICH TX power     TX Diversity indicator     CHOICE mode     Primary CPICH TX power     Primary cPICH TX power     Primary cPICH TX power     Primary cPICH TX power     Cell Selection and Particular info	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FALSE
Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary cPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell individual offset     Reference time difference to cell     Read SFN indicator     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH TX power     CHOICE mode     Primary CPICH info     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH TX power     TX Diversity indicator     CHOICE mode     Primary CPICH TX power     TX Diversity indicator     CHOICE mode     Primary CPICH TX power     TX Diversity indicator     CHOICE mode     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         J         OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FALSE
Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary cPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qualmin     Qurklevmin     Cell info     Cell individual offset     Reference time difference to cell     Read SFN indicator     Cell info     Cell info     Cell info     Cell info     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Cell info     Cell info     Cell info     Cell CE mode     Primary CPICH info     Primary CPICH info     Primary CPICH TX power     TX Diversity indicator     CHOICE mode     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3         OdB         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB
Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s,n     Qoffset2s,n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell individual offset     Reference time difference to cell     Read SFN indicator     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH TX power     Cell individual offset     Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s,n     Qoffset1s,n     Cell Selection and Re-selection info     CHOICE mode     Primary CPICH TX power     CHOICE mode     Primary CPICH info     Primary Scrambling code	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         3         OdB         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present
<ul> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> <li>Primary cPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1s.n</li> <li>Qoffset2s,n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1s.n</li> <li>Qoffset2s.n</li> </ul>	OdB         Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.2 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         J         OdB         Not Present         FDD         Reference to table 6.1.1         Not Present         3         OdB         Not Present         FDD         Refer to clause titled "Default settings for cell No.3 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         FALSE         0 dB         Not Present         FALSE

HCS paighbouring call information	
	Not Present
- CHOICE mode	EDD
	Deference to table 0.4.4
- Qquaimin	Reference to table 6.1.1
- Qrxlevmin	Reference to table 6.1.1
- Cell for measurement	Not Present
- Intra-frequency cell id	1
	4
- Cell into	
<ul> <li>Cell individual offset</li> </ul>	0dB
- Reference time difference to cell	Not Present
Deed OFN indicator	
- Read SFIN Indicator	IRUE
- CHOICE mode	FDD
- Primary CPICH info	
Primary corambling code	Poter to clause titled "Default settings for call No 4 (EDD)"
- Fillinally Scrainbilling code	Keler to clause tilled Delault settings for cell No.4 (FDD)
	in clause 6.1
<ul> <li>Primary CPICH TX power</li> </ul>	Not Present
- TX Diversity indicator	FALSE
Call Calestian and Da calestian info	
- Cell Selection and Re-selection into	
<u> </u>	<u>0 dB</u>
- Qoffset2s.n	Not Present
- Maximum allowed LIL TX nower	Reference to table 6.1.1
	Net Dresent
- HUS neighbouring cell information	Not Present
- CHOICE mode	FDD
- Qqualmin	Reference to table 6.1.1
Oryloymin	Potoronco to table 6.1.1
- Qixievinin	Reference to table 6.1.1
<ul> <li>Cell for measurement</li> </ul>	Not Present
<ul> <li>Intra-frequency cell id</li> </ul>	5
- Cell info	
- Cell Individual offset	<u>NGR</u>
<ul> <li>Reference time difference to cell</li> </ul>	Not Present
- Read SEN indicator	TRUE
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	Refer to clause titled "Default settings for cell No.5 (FDD)"
	in clause 6.1
Primary CPICH TX power	Not Procent
	NOLFIESEIIL
<ul> <li>IX Diversity indicator</li> </ul>	FALSE
<ul> <li>Cell Selection and Re-selection info</li> </ul>	
- Ooffset1	
Quilset1s,n	Net Dresent
- Qonsetzs,n	Not Present
<ul> <li>Maximum allowed UL_TX power</li> </ul>	Reference to table 6.1.1
<ul> <li>HCS neighbouring cell information</li> </ul>	Not Present
- CHOICE mode	FDD
	Deference to table 0.4.4
- Qquaimin	Reference to table 6.1.1
- Qrxlevmin	Reference to table 6.1.1
- Cell for measurement	Not Present
- Intra-frequency cell id	6
	l <mark>≚</mark>
<ul> <li>Cell individual offset</li> </ul>	
<ul> <li>Reference time difference to cell</li> </ul>	Not Present
- Reference time difference to cell     - Read SEN indicator	Not Present TRUE
Reference time difference to cell     Read SFN indicator	Not Present TRUE
Reference time difference to cell     Read SFN indicator     CHOICE mode	Not Present TRUE FDD
- Reference time difference to cell     - Read SFN indicator     - CHOICE mode     - Primary CPICH info	Not Present TRUE FDD
- Reference time difference to cell     - Read SFN indicator     - CHOICE mode     - Primary CPICH info     - Primary scrambling code	Not Present TRUE FDD Refer to clause titled "Default settings for cell No 6 (EDD)"
- Reference time difference to cell     - Read SFN indicator     - CHOICE mode     - Primary CPICH info     - Primary scrambling code	Not Present TRUE FDD Refer to clause titled "Default settings for cell No.6 (FDD)"
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code	Not Present TRUE FDD Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code     Primary CPICH TX power	Not Present TRUE FDD Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator	Not Present TRUE FDD Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Reselection info	Not Present TRUE FDD Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info	Not Present TRUE FDD Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n	Not Present TRUE FDD Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE O dB
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code     Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n	Not Present TRUE FDD Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE 0 dB Not Present
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>s,n</sub> Qoffset2 <sub>s,n</sub> Maximum allowed UL TX power	Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS peighbouring cell information	Not Present TRUE FDD Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information	Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>s.n</sub> Qoffset2 <sub>s.n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode	Not Present TRUE FDD Refer to clause titled "Default settings for cell No.6 (FDD)" in clause 6.1 Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>s.n</sub> Qoffset2 <sub>s.n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin	Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>s,n</sub> Qoffset2 <sub>s,n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxleymin	Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement	Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         O dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1         Not Present
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qualmin     Qualmin     Qualse Survey in the selection info     Qualse Survey in the selection	Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id	Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FD         Reference to table 6.1.1         Not Present         Z
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1 <sub>s.n</sub> Qoffset2 <sub>s.n</sub> Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell info	Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FD         Reference to table 6.1.1         Reference to table 6.1.1         Not Present         7
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qualmin     Qualmin     Qrklevmin     Cell for measurement     Intra-frequency cell id     Cell individual offset	Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         Z         0dB
Reference time difference to cell     Read SFN indicator     CHOICE mode     Primary CPICH info     Primary scrambling code      Primary scrambling code      Primary CPICH TX power     TX Diversity indicator     Cell Selection and Re-selection info     Qoffset1s.n     Qoffset2s.n     Maximum allowed UL TX power     HCS neighbouring cell information     CHOICE mode     Qqualmin     Qrxlevmin     Cell for measurement     Intra-frequency cell id     Cell individual offset	Not Present         TRUE         FDD         Refer to clause titled "Default settings for cell No.6 (FDD)"         in clause 6.1         Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         Z         OdB         Net Present

- Read SFN indicator	TRUE
- CHOICE mode	FDD
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	Refer to clause titled "Default settings for cell No.7 (FDD)"
	Not Present
- TX Diversity indicator	FALSE
- Cell Selection and Re-selection info	
- Qoffset1s n	0 dB
- Qoffset2s,n	Not Present
- Maximum allowed UL TX power	Reference to table 6.1.1
<ul> <li>HCS neighbouring cell information</li> </ul>	Not Present
- CHOICE mode	FDD
- Qqualmin	Reference to table 6.1.1
- Qixievinin Coll for monouroment	Net Present
- Intra-frequency cell id	8
- Cell info	
- Cell individual offset	0dB
<ul> <li>Reference time difference to cell</li> </ul>	Not Present
- Read SFN indicator	TRUE
- CHOICE mode	<u>FDD</u>
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	Refer to clause titled "Default settings for cell No.8 (FDD)"
Primary CPICH TX nowor	In clause 6.1
- TX Diversity indicator	FALSE
- Cell Selection and Re-selection info	
- Qoffset1 <sub>s n</sub>	0 dB
- Qoffset2s,n	Not Present
<ul> <li>Maximum allowed UL TX power</li> </ul>	Reference to table 6.1.1
- HCS neighbouring cell information	Not Present
- CHOICE mode	FDD Deference to toble 0.4.4
- Quaimin	Reference to table 6.1.1
- Cell for measurement	Not Present
- Intra-frequency measurement quantity	
- Filter coefficient	0
- Measurement quantity	CPICH RSCP
- Intra-frequency reporting quantity for RACH	Not Present
Reporting	Net Dresent
- Maximum number of reported cells on RACH	Not Present
- Intra-frequency reporting quantity	
- Reporting quantities for active set cells	
- SFN-SFN observed time difference type	No report
- Cell identity reporting indicator	TRUE
- Cell synchronisation information reporting	TRUE FALSE
indicator	
- CHOICE mode	
- CPICH EC/NO reporting indicator	TRUE
- Pathloss reporting indicator	FALSE
- Reporting quantities for monitored set cells	
- SFN-SFN observed time difference type	No report
- Cell identity reporting indicator	TRUE
<ul> <li>Cell synchronisation information reporting</li> </ul>	FALSE <u>TRUE</u>
indicator	
- CHUICE MODE	
- CPICH RSCP reporting indicator	
- Pathloss reporting indicator	FALSE
- Reporting quantities for detected set cells	Not Present
- Measurement reporting mode	
- Measurement Report Transfer Mode	Acknowledged mode RLC
- Periodic Reporting/Event Trigger Reporting	Event trigger
	Intro fraguionou monocurrente se estis e este si-
- CHUICE report criteria	intra-frequency measurement reporting criteria

<ul> <li>Intra-frequency measurement reporting</li> </ul>	
criteria	
- Parameters required for each event	2 <u>3</u> kinds
- Intra-frequency event identity	
- Iriggering condition 1	Not Present
- Triggering condition 2	Active set cells and monitored set cells
- Reporting Range	5dB
<ul> <li>Cells forbidden to affect Reporting range</li> </ul>	Not Present
- W	1.0
- Hysteresis	0.0
<ul> <li>Threshold Used Frequency</li> </ul>	Not Present
<ul> <li>Reporting deactivation threshold</li> </ul>	<u>32</u>
<ul> <li>Replacement activation threshold</li> </ul>	Not Present
- Time to trigger	640
<ul> <li>Amount of reporting</li> </ul>	4
- Reporting interval	4000
<ul> <li>Reporting cell status</li> </ul>	
<ul> <li>CHOICE reported cell</li> </ul>	Report cell within active set and/or monitored set cells on
	used frequency
<ul> <li>Maximum number of reported cells</li> </ul>	3
<ul> <li>Intra-frequency event identity</li> </ul>	1b
- Triggering condition 1	Active set cells and monitored set cells
- Triggering condition 2	Not Present
- Reporting Range	5dB
- Cells forbidden to affect Reporting range	Not Present
- W	1.0
- Hysteresis	0.0
<ul> <li>Threshold Used Frequency</li> </ul>	Not Present
<ul> <li>Reporting deactivation threshold</li> </ul>	<mark>3Not Present</mark>
<ul> <li>Replacement activation threshold</li> </ul>	Not Present
- Time to trigger	640
<ul> <li>Amount of reporting</li> </ul>	4 <u>Not Present</u>
<ul> <li>Reporting interval</li> </ul>	4000 <u>Not Present</u>
<ul> <li>Reporting cell status</li> </ul>	
<ul> <li>CHOICE reported cell</li> </ul>	Report cell within active set and/or monitored set cells on
	used frequency
<ul> <li>Maximum number of reported cells</li> </ul>	3
Intra-frequency event identity	<u>1c</u>
- Triggering condition 1	Not Present
- Triggering condition 2	Not Present
- Reporting Range	Not Present
- Cells forbidden to affect Reporting range	Not Present
<u>- W</u>	Not Present
<u>- Hysteresis</u>	0.0
- Threshold Used Frequency	Not Present
<ul> <li>Reporting deactivation threshold</li> </ul>	Not Present
- Replacement activation threshold	
- Time to trigger	<u>640</u>
<u>- Amount of reporting</u>	4
- Reporting interval	4 <u>000</u>
- Reporting cell status	
	Report cell within active set and/or monitored set cells on
Movimum number of reported calls	
- waximum number of reported cells	l ⊇ Not Procont
information	
Inter PAT massurement system information	Not Procent
- Inter-RAT measurement system monimation	Not Present
information	
- UE internal measurement system information	Not Present

### Contents of System Information Block type 11 (3.84 Mcps and 1.28 Mcps TDD)

- SIB 12 Indicator	TRUE
- FACH measurement occasion info	Not Present
- Measurement control system information	
- Use of HCS	Not used
•	

1	- Cell selection and reselection quality -	CPICH-RSCP
	measure	
	<ul> <li>Intra-frequency measurement system</li> </ul>	
	information	
	- Intra-frequency measurement identity	1
	- Intra-frequency cell info list	
	- CHOICE Intra-trequency cell removal	Remove no intra-frequency cells
	- Intra-frequency cell id	1
	- Cell info	
	- Cell individual offset	0dB
	- Reference time difference to cell	Not Present
	- Read SFN Indicator	TRUE
	- CHOICE mode	TDD
	- Primary CCPCH info	
	- Cell parameters ID	Reference clause 6.1 Default settings for cell
	- Primary CCPCH TX power	Not Present
	- Timeslot list	Not Present
	- Burst type	Not Present
	- Cell Selection and Re-selection info	Not Present
	- Cell for measurement	Not Present
	- Intra-frequency measurement quantity	
	- CHOICE mode Measurement quantity list	עסד
	- Measurement quantity	
	- Intra-frequency reporting quantity for RACH	Not Present
	Reporting	
	- Maximum number of reported cells on RACH	Not Present
	- Reporting information for state CELL DCH	
	- Intra-frequency reporting quantity	
	- Reporting quantities for active set cells	
	<ul> <li>SFN-SFN observed time difference</li> </ul>	No report
	reporting indicator	
	- Cell synchronisation information reporting	TRUE
	Indicator	
	Timoclet ISCP reporting indicator	
	- Proposal TSGN reporting indicator	FALSE
	- P-CCPCH RSCP reporting indicator	TRUE
	- Pathloss reporting indicator	FALSE
	- Reporting quantities for monitored set cells	
	- SFN-SFN observed time difference	No report
	reporting indicator	
	<ul> <li>Cell synchronisation information reporting</li> </ul>	FALSE
	indicator	
	- Cell identity reporting indicator	
	- CHOICE mode	
	- Timeslot ISCP reporting indicator	
	- Proposal TSGN reporting required	
	- Pathloss reporting indicator	FALSE
	- Reporting quantities for detected set cells	Not Present
	- Measurement reporting mode	Not Fresent
	- Measurement Report Transfer Mode	Acknowledged mode RLC
	- Periodical Reporting / Event Trigger	Event trigger
	Reporting Mode	
	- Intra-frequency measurement reporting	
	criteria	
	<ul> <li>Parameters required for each event</li> </ul>	
	- Intra-frequency event identity	1g
	- Iriggering condition1	Not Present
	- I riggering condition2	Not Present
	- Reputing Range	Not Present
	- Vens information and anect reporting range	Not Present
	- Hysteresis	0.0
	- Threshold used frequency	Not Present
	1 2	

- Reporting deactivation threshold	Not Present
<ul> <li>Replacement activation threshold</li> </ul>	Not Present
- Time to trigger	640
- Amount of reporting	4
- Reporting interval	4000
- Reporting cell status	
- CHOICE reported cells	Report cell within active set and/or monitored cells on
	used frequency
<ul> <li>Maximum number of reported cells</li> </ul>	2
- Inter-frequency measurement system	Not Present
information	
- Inter-RAT measurement system information	Not Present
- Traffic volume measurement system	Not Present
information	
- UE internal measurement system information	Not Present

### Contents of System Information Block type 12 in connected mode (FDD)

<ul> <li>FACH measurement occasion info</li> </ul>	Not Present
<ul> <li>Measurement control system information</li> </ul>	
- Use of HCS	Not used
<ul> <li>Cell_selection_and_reselection_quality</li> </ul>	CPICH RSCP
measure	
<ul> <li>Intra-frequency measurement system</li> </ul>	
information	
<ul> <li>Intra-frequency measurement identity</li> </ul>	1

- Intra-frequency cell info list	
- CHOICE Intra-frequency cells	Remove no intra-frequency cells
- Intra-frequency cell id	2
<u>- Cell info</u>	
- Cell Individual offset	UdB Not Present
- Read SFN indicator	TRUE
- CHOICE mode	FDD
- Primary CPICH info	Refer to clouce titled "Default settings for call No.2 (EDD)"
	in clause 6.1
- Primary CPICH TX power	Not Present
- TX Diversity indicator	FALSE
- Qoffset1s n	0 dB
- Qoffset2s,n	Not Present
- Maximum allowed UL TX power	Reference to table 6.1.1
- CHOICE mode	FDD
- Qqualmin	Reference to table 6.1.1
- Qrxlevmin	Reference to table 6.1.1
- Lotra-frequency cell id	Not Present 3
- Cell info	
- Cell individual offset	0dB
- Reference time difference to cell - Read SEN indicator	Not Present TRUE
- CHOICE mode	FDD
- Primary CPICH info	
- Primary scrambling code	Refer to clause titled "Default settings for cell No.3 (FDD)"
- Primary CPICH TX power	Not Present
- TX Diversity indicator	FALSE
- Cell Selection and Re-selection info	0 dB
- Qoffset2s,n	Not Present
- Maximum allowed UL TX power	Reference to table 6.1.1
- HCS neighbouring cell information	Not Present
- Qqualmin	Reference to table 6.1.1
- Qrxlevmin	Reference to table 6.1.1
- Cell for measurement	Not Present 4
- Cell info	
- Cell individual offset	0dB
- Reference time difference to cell     - Read SEN indicator	
- CHOICE mode	FDD
- Primary CPICH info	
- Primary scrambling code	Refer to clause titled "Default settings for cell No.4 (FDD)" in clause 6.1
- Primary CPICH TX power	Not Present
- TX Diversity indicator	FALSE
- Cell Selection and Re-selection into	0 dB
- Qoffset2s,n	Not Present
- Maximum allowed UL TX power	Reference to table 6.1.1
- HCS neighbouring cell information	Not Present FDD
- Qqualmin	Reference to table 6.1.1
- Qrxlevmin	Reference to table 6.1.1
- Cell for measurement	Not Present
- Cell info	×
- Cell individual offset	0dB
- Reference time difference to cell     - Read SEN indicator	Not Present TRUE
- CHOICE mode	FDD

- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	Refer to clause titled "De
	in clause 6.1
- Primary CPICH TX power	Not Present
- TX Diversity indicator	FALSE
- Cell Selection and Re-selection info	
<u>Oeffeet2e</u> p	Not Brocont
- QUISEL2S,II Maximum allowed LIL TV newer	Deference to toble 6.1.1
- Maximum allowed UL TX power	Reference to table 6.1.1
- HCS neighbouring cell information	Not Present
- CHOICE mode	FDD
- Qqualmin	Reference to table 6.1.1
- Qrxlevmin	Reference to table 6.1.1
<ul> <li>Cell for measurement</li> </ul>	Not Present
<ul> <li>Intra-frequency cell id</li> </ul>	6
- Cell info	
- Cell individual offset	0dB
<ul> <li>Reference time difference to cell</li> </ul>	Not Present
- Read SEN indicator	TRUE
- CHOICE mode	FDD
- Primary CPICH info	
Drimary oprombling code	Pofer to clause titled "De
- Filmary scrampling code	keler to clause titled De
	In clause 6.1
- Primary CPICH TX power	Not Present
- TX Diversity indicator	FALSE
<ul> <li>Cell Selection and Re-selection info</li> </ul>	
<u> </u>	<u>0 dB</u>
- Qoffset2s,n	Not Present
<ul> <li>Maximum allowed UL TX power</li> </ul>	Reference to table 6.1.1
<ul> <li>HCS neighbouring cell information</li> </ul>	Not Present
- CHOICE mode	FDD
- Qgualmin	Reference to table 6.1.1
- Orxleymin	Reference to table 6.1.1
- Cell for measurement	Not Present
- Intra-frequency cell id	7
	<mark>4</mark>
<u>Cell individual offect</u>	
- Cell Individual Offset	
- Reference time difference to cell	Not Present
- Read SFN indicator	TRUE
- CHOICE mode	FDD
<ul> <li>Primary CPICH info</li> </ul>	
<ul> <li>Primary scrambling code</li> </ul>	Refer to clause titled "De
	in clause 6.1
<ul> <li>Primary CPICH TX power</li> </ul>	
	Not Present
<ul> <li>TX Diversity indicator</li> </ul>	Not Present FALSE
<ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> </ul>	Not Present FALSE
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1s n	Not Present FALSE
<ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>s.n</sub></li> <li>Qoffset2s.n</li> </ul>	Not Present FALSE 0 dB Not Present
<ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>s.n</sub></li> <li>Qoffset2s.n</li> <li>Maximum allowed UL TX power</li> </ul>	Not Present FALSE 0 dB Not Present Reference to table 6.1.1
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1 <sub>s.n</sub> - Qoffset2s.n     - Maximum allowed UL TX power     - HCS neighbouring cell information	Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1 <sub>s.n</sub> - Qoffset2s.n     - Maximum allowed UL TX power     - HCS neighbouring cell information     - CHOICE mode	Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1 <sub>s.n</sub> - Qoffset2s.n     - Maximum allowed UL TX power     - HCS neighbouring cell information     - CHOICE mode     - Qogalmin	Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1 <sub>s.n</sub> - Qoffset2s.n     - Maximum allowed UL TX power     - HCS neighbouring cell information     - CHOICE mode     - Qqualmin     - Orvleymin	Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1 <sub>s.n</sub> - Qoffset2s.n     - Maximum allowed UL TX power     - HCS neighbouring cell information     - CHOICE mode     - Qqualmin     - Qrxlevmin     Call for measurement	Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1 Reference to table 6.1.1
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1 <sub>s.n</sub> - Qoffset2s.n     - Maximum allowed UL TX power     - HCS neighbouring cell information     - CHOICE mode     - Qqualmin     - Qrxlevmin     - Cell for measurement	Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1 Reference to table 6.1.1
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1 <sub>S.n</sub> - Qoffset2s.n     - Maximum allowed UL TX power     - HCS neighbouring cell information     - CHOICE mode     - Qqualmin     - Qrxlevmin     - Cell for measurement     - Intra-frequency cell id	Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1 Reference to table 6.1.1 Not Present 8
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1 <sub>S.n</sub> - Qoffset2s.n     - Maximum allowed UL TX power     - HCS neighbouring cell information     - CHOICE mode     - Qqualmin     - Qrxlevmin     - Cell for measurement     - Intra-frequency cell id     - Cell info	Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1 Reference to table 6.1.1 Not Present 8
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1 <sub>S.n</sub> - Qoffset2s.n     - Maximum allowed UL TX power     - HCS neighbouring cell information     - CHOICE mode     - Qqualmin     - Qrxlevmin     - Cell for measurement     - Intra-frequency cell id     - Cell info     - Cell info     - Cell info     - Cell info	Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1 Reference to table 6.1.1 Not Present 8
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1 <sub>S.n</sub> - Qoffset2s.n     - Maximum allowed UL TX power     - HCS neighbouring cell information     - CHOICE mode     - Qqualmin     - Qqualmin     - Qrxlevmin     - Cell for measurement     - Intra-frequency cell id     - Cell info     - Cell info     - Cell individual offset     - Reference time difference to cell	Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1 Reference to table 6.1.1 Not Present 8 0dB Not Present
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1 <sub>S.n</sub> - Qoffset2s.n     - Maximum allowed UL TX power     - HCS neighbouring cell information     - CHOICE mode     - Qqualmin     - Qrxlevmin     - Cell for measurement     - Intra-frequency cell id     - Cell info     - Cell info     - Cell info     - Cell info     - Cell individual offset     - Reference time difference to cell     - Read SFN indicator	Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1 Reference to table 6.1.1 Not Present 8 0dB Not Present TRUE
<ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>S.n</sub></li> <li>Qoffset2s,n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> <li>Cell info</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> </ul>	Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1 Reference to table 6.1.1 Not Present 8 0dB Not Present TRUE FDD
<ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>S.n</sub></li> <li>Qoffset2s,n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> <li>Cell info</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> </ul>	Not Present FALSE 0 dB Not Present Reference to table 6.1.1 Not Present FDD Reference to table 6.1.1 Reference to table 6.1.1 Not Present 8 0dB Not Present TRUE FDD
<ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>S.n</sub></li> <li>Qoffset2s.n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> <li>Cell info</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> </ul>	Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         8         0dB         Not Present         8         0dB         Not Present         8         0dB         Not Present         TRUE         FDD         Refer to clause titled "Determination"
<ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>S.n</sub></li> <li>Qoffset2s,n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> </ul>	Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         8         0dB         Not Present         8         0dB         Not Present         7RUE         FDD         Refer to clause titled "Definition clause 6.1
<ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>S.n</sub></li> <li>Qoffset2s.n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary CPICH TX power</li> </ul>	Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Not Present         8         0dB         Not Present         8         0dB         Not Present         1         Reference to table 6.1.1         Not Present         8         0dB         Not Present         TRUE         FDD         Refer to clause titled "Definic clause 6.1         Not Present
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1 <sub>S.n</sub> - Qoffset2s.n     - Maximum allowed UL TX power     - HCS neighbouring cell information     - CHOICE mode     - Qqualmin     - Qrxlevmin     - Cell for measurement     - Intra-frequency cell id     - Cell info     - Cell info     - Cell individual offset     - Reference time difference to cell     - Read SFN indicator     - CHOICE mode     - Primary CPICH info     - Primary scrambling code      - Primary CPICH TX power     - TX Diversity indicator	Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1         Not Present         8         0dB         Not Present         TRUE         FDD         Refer to clause titled "De in clause 6.1         Not Present         FALSE
- TX Diversity indicator     - Cell Selection and Re-selection info     - Qoffset1 <sub>S.n</sub> - Qoffset2s.n     - Maximum allowed UL TX power     - HCS neighbouring cell information     - CHOICE mode     - Qqualmin     - Qrxlevmin     - Cell for measurement     - Intra-frequency cell id     - Cell info     - Cell info     - Cell individual offset     - Reference time difference to cell     - Read SFN indicator     - CHOICE mode     - Primary CPICH info     - Primary scrambling code      - Primary CPICH TX power     - TX Diversity indicator     - Cell Selection and Re-selection info	Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1         Not Present         8         0dB         Not Present         TRUE         FDD         Refer to clause titled "Definic clause 6.1         Not Present         FDD         Refer to clause titled "Definic clause 6.1         Not Present         FALSE
<ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>S.n</sub></li> <li>Qoffset2s,n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> </ul>	Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1         Not Present         8         0dB         Not Present         8         0dB         Not Present         TRUE         FDD         Refer to clause titled "Definic clause 6.1         Not Present         FALSE         0 dB
<ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>S.n</sub></li> <li>Qoffset2s,n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary scrambling code</li> </ul>	Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Reference to table 6.1.1         Not Present         8         0dB         Not Present         7         Refer to clause titled "Definition clause 6.1         Not Present         FDD         Refer to clause titled "Definition clause 6.1         Not Present         FALSE         0 dB         Not Present         FALSE         0 dB         Not Present
<ul> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>S,n</sub></li> <li>Qoffset2s,n</li> <li>Maximum allowed UL TX power</li> <li>HCS neighbouring cell information</li> <li>CHOICE mode</li> <li>Qqualmin</li> <li>Qrxlevmin</li> <li>Cell for measurement</li> <li>Intra-frequency cell id</li> <li>Cell info</li> <li>Cell individual offset</li> <li>Reference time difference to cell</li> <li>Read SFN indicator</li> <li>CHOICE mode</li> <li>Primary CPICH info</li> <li>Primary CPICH TX power</li> <li>TX Diversity indicator</li> <li>Cell Selection and Re-selection info</li> <li>Qoffset1<sub>S,n</sub></li> <li>Maximum allowed UL TX power</li> </ul>	Not Present         FALSE         0 dB         Not Present         Reference to table 6.1.1         Not Present         FDD         Reference to table 6.1.1         Reference to table 6.1.1         Not Present         8         0dB         Not Present         8         0dB         Not Present         FDD         Refer to clause titled "Definic clause 6.1         Not Present         FDD         Refer to clause titled "Definic clause 6.1         Not Present         FALSE         0 dB         Not Present         PALSE         0 dB         Not Present         Peterence to table 6.1.1

clause titled "Default settings for cell No.5 (FDD)" e 6.1 sent ent ce to table 6.1.1 ent ce to table 6.1.1 ce to table 6.1.1 sent sent clause titled "Default settings for cell No.6 (FDD)" <u>
 6.1</u> sent ent ce to table 6.1.1 sent ce to table 6.1.1 ce to table 6.1.1 sent sent clause titled "Default settings for cell No.7 (FDD)" e 6.1 sent ent ce to table 6.1.1 sent ce to table 6.1.1 ce to table 6.1.1 sent sent clause titled "Default settings for cell No.8 (FDD)" <u>
2 6.1</u> sent sent

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- HCS neighbouring cell information	Not Present
- CHOICE mode	FDD
<u> </u>	Reference to table 6.1.1
- Qrxlevmin	Reference to table 6.1.1
- Cell for measurement	Not Present
- Intra-trequency cell into list	
- CHOICE Intra-frequency cell removal	Kemove no intra-trequency cells
- New Intra-Trequency cells	4
- Intra-Irequency cell lo	l <mark>+</mark>
Cell individual offect	
Beference time difference to cell	Vub Not Propert
Pood SEN indicator	
- CHOICE mode	
- Primary CPICH info	
- Primary scrambling code	Refer to clause "Default settings for cell No.1 (EDD)" in
- I finally solutioning code	clause 6 1
- Primary CPICH TX power	Not Present
- TX Diversity indicator	FALSE
- Cell Selection and Re-selection info	
	0 dB
- Qoffset2 <sub>s.n</sub>	Not Present
- Maximum allowed UL TX power	33dBm
- HCS neighbouring cell information	Not Present
	FDD
	- <del>20 dB</del>
	<mark>-115 dBm</mark>
- Cell for measurement	Not Present
<ul> <li>Intra-frequency measurement quantity</li> </ul>	
- Filter coefficient	0
<ul> <li>Measurement quantity</li> </ul>	CPICH RSCP
<ul> <li>Intra-frequency reporting quantity for RACH</li> </ul>	Not Present
Reporting	
- Maximum number of reported cells on RACH	Not Present
- Reporting information for state CELL_DCH	
- Intra-frequency reporting quantity	
- Reporting quantities for active set cells	No report
- SEN-SEN observed time difference type	
- Cell synchronisation mormation reporting	HRUE <u>FALSE</u>
- Cell identity reporting indicator	TDHE
- CHOICE mode	FDD
- CPICH Ec/N0 reporting indicator	FALSE
- CPICH RSCP reporting indicator	TRUE
- Pathloss reporting indicator	FALSE
- Reporting quantities for monitored set cells	-
- SFN-SFN observed time difference type	No report
- Cell synchronisation information reporting	FALSETRUE
indicator	
- Cell identity reporting indicator	TRUE
- CHOICE mode	FDD
<ul> <li>CPICH Ec/N0 reporting indicator</li> </ul>	FALSE
- CPICH RSCP reporting indicator	TRUE
- Pathloss reporting indicator	FALSE
- Reporting quantities for detected set cells	Not Present
- Measurement reporting mode	Astronuted and an ed. DLO
- Measurement Report Transfer Mode	Acknowledged mode RLC
- Periodic Reporting/Event Trigger Reporting	
- CHOICE report criteria	Intra-frequency measurement reporting criteria
- Unoice report unterla	
criteria	
- Parameters required for each event	3 kinds
- Intra-frequency event identity	1a
- Triggering condition 1	Not Present
- Triggering condition 2	Active set cells and monitored set cells
- Reporting Range	5dB
- Cells forbidden to affect reporting range	Not Present
- W	1.0

I

- Hysteresis	0.0
- Threshold Used Frequency	Not Present
<ul> <li>Reporting deactivation threshold</li> </ul>	3 <u>2</u>
<ul> <li>Replacement activation threshold</li> </ul>	Not Present
- Time to trigger	640
- Amount of reporting	4
- Reporting interval	0
- Reporting cell status	
- CHOICE reported cell	Report cell Within active set and/or monitored set cells on
	used frequency
- Maximum number of reported cells	3
- Intra-frequency event identity	1D Astive act calls and mentiteers death calls
- Triggering condition 1	Active set cells and monitored set cells
- Inggening condition 2	Not Present
- Reporting Range	DOB Not Present
- w	
- Threshold Used Frequency	Not Present
- Reporting deactivation threshold	Not Present
- Replacement activation threshold	Not Present
- Time to trigger	640
- Amount of reporting	4Not Present
- Reporting interval	4000 Not Present
- Reporting cell status	
- CHOICE reported cell	Report cell within active set and/or monitored set cells on
	used frequency
- Maximum number of reported cells	3
- Intra-frequency event identity	<u>1c</u>
- Triggering condition 1	Not Present
<u>- Triggering condition 2</u>	Not Present
- Reporting Range	Not Present
<ul> <li>Cells forbidden to affect Reporting range</li> </ul>	Not Present
<u>- W</u>	Not Present
- Hysteresis	
- Ihreshold Used Frequency	Not Present
- Reporting deactivation threshold	Not Present
- Replacement activation threshold	
- Time to trigger	
- Allount of Teporting	4
- Reporting cell status	
- CHOICE reported cell	Report cell within active set and/or monitored set cells on
	used frequency
- Maximum number of reported cells	3
- Inter-frequency measurement system	Not Present
information	
- Inter-RAT measurement system information	Not Present
- Traffic volume measurement system	Not Present
information	
- UE internal measurement system information	Not Present

Contents of System Information Block type 12 in connected mode (similar to SIB type11) (3.84 Mcps and 1.28 Mcps TDD)

- FACH measurement occasion info	Not Present
<ul> <li>Measurement control system information</li> </ul>	
- Use of HCS	Not used
<ul> <li>Cell_selection_and_reselection_quality</li> </ul>	CPICH-RSCP
measure	
<ul> <li>Intra-frequency measurement system</li> </ul>	
information	
<ul> <li>Intra-frequency measurement identity</li> </ul>	1
<ul> <li>Intra-frequency cell info list</li> </ul>	
<ul> <li>CHOICE intra-frequency cell removal</li> </ul>	Remove no intra-frequency cells
<ul> <li>New intra-frequency cells</li> </ul>	
<ul> <li>Intra-frequency cell id</li> </ul>	1

- Cell info	
- Cell individual offset	0dB
<ul> <li>Reference time difference to cell</li> </ul>	Not Present
- Read SFN Indicator	TRUE
- CHOICE mode	TDD
- Primary CCPCH info	
- Cell parameters ID	Reference clause 6.1 Default settings for cell
- Primary CCPCH TX power	Not Present
- Timesiot list Burst type	Not Fresent
- Cell Selection and Re-selection info	Not Present
- Cell for measurement	Not present
- Intra-frequency measurement quantity	
- Filter coefficient	0
- CHOICE mode	TDD
- Measurement list	
<ul> <li>Measurement quantity</li> </ul>	P-CCPCH RSCP
- Intra-frequency reporting quantity for RACH	Not Present
Reporting	
- Maximum number of reported cells on RACH	No report
- Reporting information for state CELL_DCH	
- Reporting quantities for active set cells	
- SEN-SEN observed time difference	No report
reporting indicator	
- Cell synchronisation information reporting	TRUE
indicator	
<ul> <li>Cell identity reporting indicator</li> </ul>	TRUE
- CHOICE mode	TDD
<ul> <li>Timeslot ISCP reporting indicator</li> </ul>	FALSE
- Proposal TSGN reporting required	FALSE
- P-CCPCH RSCP reporting indicator	
- Pathioss reporting indicator	FALSE
- SEN-SEN observed time difference	No report
reporting indicator	
- Cell synchronisation information reporting	FALSE
indicator	
<ul> <li>Cell identity reporting indicator</li> </ul>	TRUE
- CHOICE mode	TDD
<ul> <li>Timeslot ISCP reporting indicator</li> </ul>	FALSE
- Proposal TSGN reporting required	FALSE
- P-CCPCH RSCP reporting indicator	
- Pathioss reporting indicator	FALSE Not Procent
- Measurement reporting mode	NOT FIESEIN
- Measurement Report Transfer Mode	Acknowledged mode RLC
- Periodical Reporting / Event Trigger	Event trigger
Reporting Mode	
<ul> <li>Intra-frequency measurement reporting</li> </ul>	
criteria	
- Parameters required for each event	
- Intra-frequency event identity	1g
- Triggering condition?	Not Present
- Thygening condition2	Not Present
- cells forbidden to affect reporting range	Not Present
- W(optional in case of 1a.1b)	Not Present
- Hysteresis	0.0
- Threshold used frequency	Not Present
<ul> <li>Reporting deactivation threshold</li> </ul>	Not Present
<ul> <li>Replacement activation threshold</li> </ul>	Not Present
- Lime to trigger	640
- Amount of reporting	4
- Reporting cell status	4000
- CHOICE reported cells	Report cell within active set and/or monitored cells on
	used frequency
- Maximum number of reported cells	2

- Inter-frequency measurement system	Not Present
- Inter-RAT measurement system information	Not Present
- Traffic volume measurement system	Not Present
information	
- UE internal measurement system information	Not Present

#### Contents of System Information Block type 13 (used when supported PLMN type is ANSI-41)

- CN Domain system information list	
- CN Domain system information	For Packet-Switched domain
- CN domain identity	PS
- CHOICE CN Type	ANSI-41
- CN domain specific NAS system information	
- NAS (ANSI-41) system information	T.B.D
- CN domain specific DRX cycle length	7
coefficient	
- CN Domain system information	For Circuit-Switched domain
- CN domain identity	CS
- CHOICE CN Type	ANSI-41
- CN domain specific NAS system information	
<ul> <li>NAS (ANSI-41) system information</li> </ul>	T.B.D
<ul> <li>CN domain specific DRX cycle length</li> </ul>	7
coefficient	
- UE timers and constants in idle mode	
- T300	400 milliseconds
- N300	7
- T312	10 seconds
- N312	200
<ul> <li>Capability update requirement</li> </ul>	
<ul> <li>UE radio access FDD capability update</li> </ul>	TRUE
requirement	
<ul> <li>UE radio access TDD capability update</li> </ul>	FALSE
requirement	
- System specific capability update requirement	Not Present
list	

Contents of System Information Block type 14 (3.84 Mcps TDD)

- Individual Timeslot interference list	
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	2
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	3
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	4
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	5
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	6
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	7
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	9
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	10
- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	11

- UL Timeslot Interference	-90 dbm
<ul> <li>Individual Timeslot interference</li> </ul>	
- Timeslot number	12
- UL Timeslot Interference	-90 dbm
- Individual Timeslot interference	
- Timeslot number	13
- UL Timeslot Interference	-90 dbm
- Individual Timeslot interference	
- Timeslot number	14
- UL Timeslot Interference	-90 dbm
- Expiration Time Factor	Not Present (MD "1")

#### Contents of System Information Block type 16

- Predefined RB configuration     [FFS]       - Predefined TrCh configuration     [FFS]       - Predefined Phy configuration     [FFS]	Predefined RB configuration     Predefined TrCh configuration     Predefined Phy configuration
--	--

#### Contents of System Information Block type17 (3.84 Mcsps TDD and 1.28 Mcps TDD)

This system information block contains fast changing parameters for the configuration of the shared physical channels to be used in connected mode, so this is not present.

#### Contents of System Information Block type 18

- Idle mode PLMN identities	
- PLMN identity	Set to the same value as indicated in MIR
- PLMNs of inter-frequency cells list	Not present
- PLMNs of inter-RAT cells list	Not present
- Connected mode PLMN identities	Not present

#### Default settings for cell No.1 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
Primary CPICH info	
Primary scrambling code	<mark>100</mark>

#### Default settings for cell No.1 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<mark>₽</mark>

#### Cell No.2

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.2 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0010B
URA identity	0000 0000 0000 0001B

### Default settings for cell No.2 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
Primary scrambling code	<mark>150</mark>

#### Default settings for cell No.2 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<mark>4</mark>

#### Cell No.3

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.3 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0011B
URA identity	0000 0000 0000 0010B

#### Default settings for cell No.3 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
Primary scrambling code	<mark>200</mark>

#### Default settings for cell No.3 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<mark>8</mark>

#### Cell No.4

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.4 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0100B
URA identity	0000 0000 0000 0010B

### Default settings for cell No.4 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
Primary scrambling code	<mark>250</mark>

#### Default settings for cell No.4 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<mark>12</mark>

#### Cell No.5

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.5 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0101B
URA identity	0000 0000 0000 0011B

#### Default settings for cell No.5 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
Primary scrambling code	300

#### Default settings for cell No.5 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
<mark>Uplink output power</mark>	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<mark>414</mark>

#### Cell No.6

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.6 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0110B
URA identity	0000 0000 0000 0011B

### Default settings for cell No.6 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
Primary scrambling code	<mark>350</mark>

#### Default settings for cell No.6 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<mark>119</mark>

#### Cell No.7

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.7 are identical to those of cell No.1 with the following exceptions:

Cell identity	<del>0000 0000 0000 0000 0000 0000 0111B</del>
URA identity	0000-0000-0100B

#### Default settings for cell No.7 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
Primary scrambling code	4 <del>00</del>

#### Default settings for cell No.7 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
<mark>Uplink output power</mark>	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<mark>423</mark>

#### Cell No.8

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.8 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 1000B
URA identity	0000 0000 0000 0100B

#### Default settings for cell No.8 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
Primary scrambling code	<mark>450</mark>

#### Default settings for cell No.8 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<mark>127</mark>

## Reference Radio Conditions for signalling test cases only (FDD)

The following transmission parameters shall be used for signalling test cases only unless otherwise stated in the description of the individual test case.

Table 6.1.3 are the default settings for a non suitable cell which is configured and always present whereas Table 6.1.4 is for a cell that is switched off. Cells configured according to Table 6.1.3 are for test cases in which it is necessary to make a cell unsuitable, and then subsequently make it suitable. This could be achieved by switching the cell off and then reconfiguration as in Table 6.1.4, but this takes a lot of time to do.

#### Table 6.1.1: Default settings for a serving cell in a single cell environment

Parameter	<mark>Unit</mark>	Cell 1	
Cell type		Serving cell	
UTRA RF Channel Number		Channel 1	
<b>Qqualmin</b>	<mark>dB</mark>	<mark>-24</mark>	
<b>Qrxlevmin</b>	<mark>dBm</mark>	<mark>-80</mark>	
UE_TXPWR_MAX_RACH	<mark>dBm</mark>	<mark>21</mark>	
CPICH Ec (see notes 1 and 2)	<mark>dBm/3.84</mark>	<mark>-60</mark>	
	MHz		
NOTE 1: The power level is specified in terms of CPICH_Ec instead of CPICH_RSCP as RSCP is a receiver measurement and only CPICH_Ec can be directly controlled by the SS.			
NOTE 2: The cell fulfils TS 25.	304, <u>5.2.3.1.</u> 2	and TS 25.133, 8.1.2.2.1.	

#### Table 6.1.2: Default settings for a serving cell and a suitable neighbour cell in a multi-cell enviromemt Cell 1 Cell 2 Parameter Unit Cell type Serving cell Suitable neighbour cell Channel 1 UTRA RF Channel Number Channel 1 -24 **Qqualmin** dB <del>-2</del>4 Qrxlevmin dBm -80 -80 TXPWR MAX RACH UE dBm 21 21 CPICH Ec (see notes 1 and 2) dBm/3.84 <del>-60</del> -70 MHz NOTE 1: The power level is specified in terms of CPICH\_Ec instead of CPICH\_RSCP as RSCP is a receiver measurement and only CPICH. Ec can be directly controlled by the SS. NOTE 2: Both cells fulfil TS 25.304, 5.2.3.1.2 and TS 25.133, 8.1.2.2.1. Table 6.1.3: Default settings for a non-suitable cell

Parameter	<mark>Unit</mark>	Level		
<mark>Qqualmin</mark>	d <mark>B</mark>	<mark>-24</mark>		
<b>Qrxlevmin</b>	<mark>dBm</mark>	<mark>-80</mark>		
UE_TXPWR_MAX_RACH	<mark>dBm</mark>	<mark>21</mark>		
CPICH_Ec	<mark>dBm/3.84</mark>	<mark>-90</mark>		
	MHz			
NOTE 1: The power level is sp	ecified in terms	s of CPICH_Ec instead of CPICH_RSCP as		
RSCP is a receiver measurement and only CPICH_Ec can be directly controlled by				
the SS				
NOTE 2: The cell is not suitabl	e according to	TS 25.304. 5.2.3.1.2		

#### Table 6.1.4: Default settings for a non-suitable "Off" cell

Parameter	Unit Unit	Level		
<mark>Qqualmin</mark>	dB-	<mark>-24</mark>		
<b>Qrxlevmin</b>	<mark>dBm</mark>	<mark>-80</mark>		
UE_TXPWR_MAX_RACH	<mark>dBm</mark>	<mark>21</mark>		
CPICH_Ec	dBm/3.84	<mark>≤ -122</mark>		
	<mark>MHz</mark>			
NOTE 1: The power level is specified in terms of CPICH_Ec instead of CPICH_RSCP as				
RSCP is a receiver measurement and only CPICH_Ec can be directly controlled by				
the SS.				
NOTE 2: The cell is not suitable according to TS 25.304, 5.2.3.1.2.				

#### Table 6.1.5: Default power levels of physical channels relative to CPICH\_Ec

Parameter	Unit	Level	Level
		Idle mode	Connected mode
DPCH_Ec	dB	(NOTE)	<mark>-5</mark>
PCCPCH_Ec	<del>dB</del>		<del>-2</del>
SCCPCH_Ec	<mark>dB</mark>		<del>-2</del>
AICH_Ec	dB		<mark>-5</mark>
SCH_Ec	dB		<mark>-2</mark>
PICH_Ec	dB		<mark>-5</mark>
NOTE: This shall be less that	n <u>–122 d</u>	Bm to ensure the cha	nnel is considered as
<mark>"off".</mark>			

## Reference Radio Conditions for signalling test cases only (TDD)

<del><FFS></del>

## 6.1.1 SCCPCH configuration with Stand-alone SRB for PCCH in the first SCCPCH and Interactive/Background 32 kbps PS RAB + SRBs for CCCH/DCCH/BCCH in the second SCCPCH

Two SCCPCHs are used in this SYSTEM INFORMATION configuration. The first SCCPCH carries the PCH and the second SCCPCH carries the FACH for Interactive/Background 32 kbps PS RAB and the FACH for SRBs on CCCH/ DCCH/ BCCH.

This Reference System Configuration is the same as defined in chapter 6.1, except for the following SIBs.

Contents of System Information Block type 5 (FDD)

- SIB6 indicator	TRUE
- PICH Power offset	-5 dB
- CHOICE Mode	
Primary CCDCH info	Not present
- Filinaly CCPCH III0	
	FALSE
- PRACH system information list	
- PRACH system information	
- PRACH info	
- CHOICE mode	FDD
- Available Signature	'0000 0000 1111 1111'B
- Available SF	64
- Preamble scrambling code number	0
- Puncturing Limit	1.0
- Available Sub Channel number	'1111 1111 1111'В
- Transport Channel Identity	15
- BACH TES	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
	169
- Number of TD and TTL List	100
- Number of Tagage art blacks	4
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- RLC size	360
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	20 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	150
- CRC size	16
	10
- Normal	
TECL Field 1 information	
	Complete
- CHOICE TFCS representation	Complete
- TFCS addition information	
- CHOICE CIFC Size	2 bit
- CIFC information	0
- Power offset information	
- CHOICE Gain Factors	Computed Gain Factor, reference IFC id = 0
- Power offset Pp-m	-5 dB
- CTFC information	1
- Power offset information	
- CHOICE Gain Factors	Signalled Gain Factor
- Gain factor ßc	10
- Gain factor ßd	15
- Reference TFC ID	0
- Power offset Pp-m	-5dB
- PRACH partitioning	
- Access Service Class	
- ASC Setting	Not Present
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#0)
- Available signature End Index	7 (ASC#0)
- Assigned Sub-channel Number	(1111'B
- ASC Setting	
CHOICE mode	
- UNULE INULE Available signature Start lader	
- Available signature Start Index	
- Available signature End Index	/ (AOU#1)
- Assigned Sub-channel Number	
- ASC Setting	Not Present

	i
Available signature Start Index	<del>0 (ASC#2)</del>
- Available signature End Index	7 (ASC#2)
- Assigned Sub-channel Number	11111B
ASC Sotting	
	500
- CHOICE mode	FDD
<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#3)
- Available signature End Index	7 (ASC#3)
- Assigned Sub-channel Number	'1111'B
	Not Present
- ASC Setting	NotPresent
	EDD
Available signature Start Index	0 (ASC#4)
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#4)
- Assigned Sub-channel Number	(1111)B
ASC Softing	
- ASC Setting	
- CHOICE mode	FDD
<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#5)
- Available signature End Index	7 (ASC#5)
- Assigned Sub-channel Number	'1111'B
ASSigned Oub-channel Number	Not Dresent
- ASC Setting	
	EDD
Available signature Start Index	<del>0 (ASC#6)</del>
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#6)
- Assigned Sub-channel Number	<u>(1111'B</u>
ASC Softing	
	500
- CHOICE mode	FDD
<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#7)
- Available signature End Index	7 (ASC#7)
- Assigned Sub-channel Number	(1111'B
- Assigned Sub-channel Number	
- Persistence scaling factor	
- Persistence scaling factor	0.9 (for ASC#2)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#3)
- Persistence scaling factor	0.9 (for ASC#4)
Porsistoneo scaling factor	0.0 (for ASC#5)
	$0.9(101 \times 30\%)$
- Persistence scaling factor	0.9 (for ASC#6)
- Persistence scaling factor	0.9 (for ASC#7)
- AC-to-ASC mapping table	
- AC-to-ASC manning	6 (AC0-9)
AC to ASC mapping	E (AC10)
- AC-to-ASC mapping	5 (AC10)
- AC-to-ASC mapping - AC-to-ASC mapping	5 (AC10) 4 (AC11)
- AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping	5 (AC10) 4 (AC11) 3 (AC12)
- AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13)
- AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14)
<ul> <li>AC-to-ASC mapping</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15)
<ul> <li>AC-to-ASC mapping</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15)
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Betrans Max</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs)
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH)
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 01 (For 2 SCCPCHs) (SCCPCH for standalone PCH)
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Secondary CCPCH info</li> <li>Secondary Scrambling code</li> <li>STTD indicator</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary CPICH info</li> <li>Secondary Stambling code</li> <li>STTD indicator</li> <li>STTD indicator</li> <li>Secondary CPICH info</li> <li>Secondary CPICH info</li> <li>Secondary Stambling code</li> <li>STTD indicator</li> <li>STTD indicator</li> <li>Secondary Stambling code</li> <li>STTD indicator</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present FALSE 128 4 5 U OF
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CCPCH info</li> <li>Secondary Scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CCPCH info</li> <li>Secondary CCPCH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE FALSE FALSE FALSE Fixed 30
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE FALSE FALSE FALSE Fixed 30

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- Normal	
- TFCI Field 1 information	aamalata
- TECS addition information	complete
- CHOICE CTFC Size	2 bit
- CTFC information	0
- Power offset information	Not Present
- Power offset information	Not Present
- FACH/PCH information	
- TFS	(PCH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information - RLC Size	240
- Number of TB and TTI List	2.0
- Number of Transport blocks	0
- Number of Transport blocks	1
- CHOICE Mode	
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2 220
- CRC size	230 16 bit
- Transport Channel Identity	12 (for PCH)
- CTCH indicator	FALSE
- PICH info	
- Channelisation code	2
- STTD indicator	FALSE
- Secondary CCPCH info	(SCCPCH including two FACHs)
	Primary CPICH may be used
- Secondary CPICH into	Not Present
- STTD indicator	FALSE
- STTD indicator - Spreading factor	FALSE 64
- STTD indicator - Spreading factor - Code number	FALSE 64 1
- STTD indicator - STTD indicator - Spreading factor - Code number - Pilot symbol existence TECL existence	FALSE FALSE TPUE
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Elexible position</li> </ul>	FALSE 64 1 FALSE TRUE Elexible
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TECS representation</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>Strip indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit
<ul> <li>StrtD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0
<ul> <li>StrD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTEC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1
<ul> <li>Structure</li> <li>Structure</li> <li>Structure</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present
<ul> <li>Structure</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2
<ul> <li>Structure</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present
<ul> <li>Structure</li> <li>Structure</li> <li>Structure</li> <li>Structure</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present
<ul> <li>Structure</li> <li>Structure</li> <li>Structure</li> <li>Structure</li> <li>Structure</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4
<ul> <li>Steconidary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 4 Not Present
<ul> <li>Stechnickly scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 -
<ul> <li>Structure</li> <li>Stru</li></ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present
<ul> <li>Stechnary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 7 1 1 1 1 1 1 1 1 1 1 1 1 1
<ul> <li>Structure</li> <li>Stru</li></ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 1 1 1 1 1 1 1 1 1 1 1 1 1
<ul> <li>Steconidary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Fower offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present (FACH) Common transport channels
<ul> <li>Stechnickly scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>Power offset information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 1 1 1 1 1 1 1 1 1 1 1 1
<ul> <li>Steconidary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of TB and TTI List</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 0 0 0 0 0 0 0 0 0 0 0 0 0
<ul> <li>Structure</li> <li>Stru</li></ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 1 1 1 1 1 1 1 1 1 1 1 1

<ul> <li>Number of Transport blocks</li> </ul>	3
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	220
- CRC size	16 bit
- Transport Channel Identity	13 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	360
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	10 ms
<ul> <li>Type of channel coding</li> </ul>	Turbo
<ul> <li>Rate matching attribute</li> </ul>	130
- CRC size	16bit
<ul> <li>Transport Channel Identity</li> </ul>	14 (for FACH)
- CTCH indicator	FALSE
- CBS DRX Level 1 information	Not Present

Contents of System Information Block type 6 in connected mode (FDD)

- PICH Power offset	-5 dB
CHOICE Made	
- AICH Power offset	5 dB
- Primary CCPCH info	Not present
	FALSE
- PRACH system information list	
- PRACH system information	
- PRACH info	
- Available Signature	0000 0000 1111 1111B
- Available SF	64
<ul> <li>Preamble scrambling code number</li> </ul>	0
- Puncturing Limit	1.0
- Available Sub Channel number	'1111 1111 1111'B
- Transport Channel Identity	15
CHOICE Transport shannel turns	Common transport channels
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC size	168
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	
- RLC SIZE	300
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	20 ms
	Convolutional
- Type of channel couling	
- Coding Rate	/2
- Rate matching attribute	150
- CRC size	16
- RACH TFCS	
- Normal	
- TECL Field 1 information	
	Complete
- CHOICE TFCS representation	Complete
- IFCS addition information	
- CHOICE CIFC Size	2 bit
<ul> <li>CTFC information</li> </ul>	0
<ul> <li>Power offset information</li> </ul>	
- CHOICE Gain Factors	Computed Gain Factor, reference TFC id=0
- Power offset Pn-m	-5 dB
CTEC information	1
- CTFC Information	
- CHUICE Gain Factors	Signalled Gain Factor
- Gain factor ßc	10
- Gain factor ßd	15
- Reference TFC ID	0
- Power offset Pp-m	-5dB
- PRACH partitioning	
- Access Service Class	
- AUCESS DELVICE CLASS	Not Procent
<ul> <li>Available signature Start Index</li> </ul>	U (ASC#0)
- Available signature End Index	<mark>7 (ASC#0)</mark>
Assigned Sub-channel Number	<mark>'1111'B</mark>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#1)
- Available signature End Index	7 (ASC#1)
- Available Signature End Index	
- Assigned Sub-channel Number	
- ASC Setting	Not Present
	FDD
Available signature Start Index	0 (ASC#2)

Available Signature End Index	7 (ASC#2)
- Assigned Sub-channel Number	<mark>'1111'В</mark>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#3)
- Available signature End Index	7 (ASC#3)
- Assigned Sub-channel Number	Mat Dres out
- ASC Setting	<u>Not Present</u>
Available signature Start Index	
- Available signature End Index	$\frac{\sigma(ASCHA)}{7(ASCHA)}$
- Assigned Sub-channel Number	<u>(1111'B</u>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#5)
- Available signature End Index	7 (ASC#5)
<ul> <li>Assigned Sub-channel Number</li> </ul>	<u>'1111'B</u>
- ASC Setting	Not Present
	FDD
- Available signature Start Index	<del>0 (ASC#6)</del>
- Available signature End Index	<del>7 (ASC#6)</del>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#7)
- Available signature End Index	7 (ASC#7)
- Assigned Sub-channel Number	(1111)'B
- Persistence scaling factor	
- Persistence scaling factor	0.9 (for ASC#2)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#3)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#4)
- Persistence scaling factor	0.9 (for ASC#5)
- Persistence scaling factor	0.9 (for ASC#6)
- Persistence scaling factor	0.9 (for ASC#7)
Primary CPICH DI TX power	
- Constant value	-10
- PRACH power offset	
- Power Ramp Step	3dB
- Preamble Retrans Max	24
<ul> <li>RACH transmission parameters</li> </ul>	
- RACH transmission parameters - Mmax	2
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> </ul>	2 3 slot
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> </ul>	2 3 slot 10 slot
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> </ul>	2 3 slot 10 slot
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> </ul>	2 3 slot 10 slot 3 EALSE
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> </ul>	2 3 slot 10 slot 3 FALSE
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> </ul>	2 3 slot 10 slot 3 FALSE 01 (For 2 SCCPCHs)
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> </ul>	2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH)
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> </ul>	2 3 slot 10 slot 3 FALSE 01 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> </ul>	2 3 slot 10 slot 3 FALSE <del>91</del> (For 2 SCCPCHs) (SCCPCH for standalone PCH) <del>Primary CPICH may be used</del> <del>Not Present</del>
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary Scrambling code</li> </ul>	2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Frimary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> </ul>	2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> </ul>	2 3 slot 10 slot 3 FALSE <b>01</b> (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Frimary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> </ul>	2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 EALSE
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> </ul>	2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE EALSE EALSE
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary crambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> </ul>	2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE Fixed
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> </ul>	2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE Fixed 30
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TECS</li> </ul>	2 3 slot 10 slot 3 FALSE <b>91</b> (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE Fixed 30
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary crambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> </ul>	2 3 slot 10 slot 3 FALSE <b>91</b> (For 2 SCCPCHs) (SCCPCH for standalone PCH <del>Primary CPICH may be used</del> Not Present FALSE 128 4 FALSE FALSE FALSE Fixed 30
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary crambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> </ul>	2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE Fixed 30
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> </ul>	2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE Fixed 30 Complete
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary Scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> </ul>	2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE Fixed 30 Complete
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CCPCH info</li> <li>Secondary crambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>CHOICE CTFC Size</li> </ul>	2 3 slot 10 slot 3 FALSE <b>91</b> (For 2 SCCPCHs) (SCCPCH for standalone PCH Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE FALSE Fixed 30 Complete 2 bit
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CCPCH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> </ul>	2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE Fixed 30 Complete 2 bit 0
<ul> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CCPCH info</li> <li>Secondary crambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	2 3 slot 10 slot 3 FALSE 91 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE Fixed 30 Complete 2 bit 0 Not Present

- Power offset information	Not Present
- TFS	(PCH)
- CHOICE Transport channel type	Common transport channels
- RLC Size	240
- Number of TB and TTI List	
- Number of Transport blocks	0
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	½ 220
- CRC size	16 bit
- Transport Channel Identity	12 (for PCH)
- CTCH indicator - PICH info	FALSE
- Channelisation code	2
- Number of PI per frame	18
- SECONDARY CCPCH info	SCCPCH including two FACHs)
- Primary CPICH usage for channel estimation	Primary CPICH may be used
	Not Present
- STTD indicator	FALSE
- Spreading factor	64
- Code number - Pilot symbol existence	1 FALSE
- TFCI existence	TRUE
- Fixed or Flexible position	Flexible
- Timing offset - TFCS	0
- Normal	
- TFCI Field 1 information	Complete
- TFCS addition information	Complete
- CHOICE CTFC Size	4 bit
- CTFC information - Power offset information	0 Not Present
- CTFC information	1
- Power offset information	Not Present
- CIFC Information - Power offset information	Z Not Present
- CTFC information	3
- Power offset information	Not Present
- Power offset information	Not Present
- CTFC information	5 Not Present
- Power offset information	Not Present
- TFS	(FACH)
- CHOICE Transport channel type	Common transport channels
- Bynamic Transport format information - RLC Size	168
- Number of TB and TTI List	
- Number of Transport blocks	0
- Number of Transport blocks	2
- Number of Transport blocks	3
- CHOICE Mode - CHOICE Logical Channel List	
- Semi-static Transport Format information	· ·
- Transmission time interval	10 ms
- i ype of channel cooling - Coding Rate	

- CRC size	16 bit
- Transport Channel Identity	13 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
- Dynamic Transport format information	
- RLC Size	360
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
- Semi-static Transport Format information	
<ul> <li>Transmission time interval</li> </ul>	10 ms
<ul> <li>Type of channel coding</li> </ul>	Turbo
<ul> <li>Rate matching attribute</li> </ul>	130
- CRC size	16bit
<ul> <li>Transport Channel Identity</li> </ul>	14 (for FACH)
- CTCH indicator	FALSE
- CBS DRX Level 1 information	Not Present

## 6.1.2 SCCPCH configuration with Stand-alone SRB for PCCH in the first SCCPCH, RB for CTCH + SRBs for CCCH/BCCH in the second SCCPCH and Interactive/Background 32 kbps PS RAB + SRBs for CCCH/DCCH/BCCH in the third SCCPCH

Three SCCPCHs are used in this SYSTEM INFORMATION configuration. The first SCCPCH carries the PCH. The second SCCPCH carries the FACH for CTCH (Cell Broadcast Service) and the FACH for SRBs on CCCH/ BCCH for idle mode UEs. The third SCCPCH carries the FACH for Interactive/Background 32 kbps PS RAB and the FACH for SRBs on CCCH/ DCCH/ BCCH for connected mode UEs.

This Reference System Configuration is the same as defined in chapter 6.1, except for the following SIBs.

Contents of System Information Block type 5 (FDD)

- SIB6 indicator	TRUE
- PICH Power offset	-5 dB
	5 dB
Primary CCDCH info	Not propert
- Fillinary CCPCH III0	
	FALOE
- PRACH system information list	
- PRACH system information	
- PRACH info	
- CHOICE mode	FDD
- Available Signature	'0000 0000 1111 1111'B
- Available SF	64
<ul> <li>Preamble scrambling code number</li> </ul>	0
- Puncturing Limit	1.0
- Available Sub Channel number	ʻ1111 1111 1111'B
- Transport Channel Identity	15
- RACH TES	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- BLC size	168
- Number of TB and TTL List	100
- Number of Transport blocks	1
- CHOICE Logical Channel List	ALL
- RLC size	360
- Number of IB and III List	
- Number of Transport blocks	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	20 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	150
- CRC size	16
- BACH TECS	
- Normal	
- TECL Field 1 information	
- CHOICE TECS representation	Complete
TECS addition information	Complete
- CHOICE CIFC Size	
- CIFC information	0
- Power offset information	
- CHUICE Gain Factors	Computed Gain Factor, reference TFC Id=0
- Power offset Pp-m	-2 0B
- CIFC information	1
- Power offset information	
- CHOICE Gain Factors	Signalled Gain Factor
- Gain factor ßc	10
- Gain factor ßd	15
- Reference TFC ID	0
- Power offset Pp-m	-5dB
- PRACH partitioning	
- Access Service Class	
- ASC Setting	Not Present
	FDD
- Available signature Start Index	0 (ASC#0)
- Available signature End Index	7 (ASC#0)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#1)
- Available signature Start Index	7 (ASC#1)
- Available signalule Ellu Illuex	(1111)B
	Net Present
- ASC Setting	
	FUU

I

Available signature Start Index	0 (ASC#2)
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#2)
- Assigned Sub-channel Number	<u>'1111'B</u>
- ASC Setting	
- CHOICE mode	EDD
Available signature Start Index	0 (ASC#2)
- Available signature Start Index	0 (ASC#3) = 7 (ASC#3)
- Available signature End Index	7 (ASC#3)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	Not Present
	FDD
—- Available signature Start Index	<del>0 (ASC#4)</del>
Available signature End Index	7 (ASC#4)
- Assigned Sub-channel Number	<mark></mark>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0(ASC#5)
- Available signature End Index	7 (ASC#5)
Assigned Sub shannel Number	
- ASC Setting	Not Present
	FDD
Available signature Start Index	<del>0 (ASC#6)</del>
<ul> <li>Available signature End Index</li> </ul>	<mark>7 (ASC#6)</mark>
Assigned Sub-channel Number	<mark>- 1111'B</mark>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC #7)
- Available signature End Index	7 (ASC #7)
Assigned Sub channel Number	(1111)P
- Assigned Sub-channel Number	ППВ
- Persistence scaling factor	
- Persistence scaling factor	0.9 (for ASC#2)
- Persistence scaling factor	0.9 (for ASC#3)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#4)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#5)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#6)
- Persistence scaling factor	0.9 (for ASC#7)
	( )
- AC-to-ASC mapping table	
- AC-to-ASC mapping table	6 (AC0-9)
- AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping	6 (AC0-9) 5 (AC10)
- AC-to-ASC mapping table - AC-to-ASC mapping - AC-to-ASC mapping	6 (AC0-9) 5 (AC10) 4 (AC11)
- AC-to-ASC mapping table - AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping AC-to-ASC mapping	6 (AC0-9) 5 (AC10) 4 (AC11) 2 (AC12)
- AC-to-ASC mapping table - AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12)
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> <li>AC-to-ASC mapping</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13)
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14)
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15)
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01min</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Prevalue</li> <li>Prevalue</li> <li>Prevalue</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 EALSE
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs)
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH)
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary Scrambling code</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Secondary CPICH info</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present FALSE
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01min</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>STTD indicator</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE 128 4 FALSE
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH info</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TECL evistence</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE 128 4 FALSE 5
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01 min</li> <li>NB01 max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH info</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Eivad or Elevible position</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH transmission parameters</li> <li>Mmax</li> <li>NB01 min</li> <li>NB01 max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary CPICH info</li> <li>Secondary crambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Tixing effect</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FAL
<ul> <li>AC-to-ASC mapping table</li> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Condary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> </ul>	6 (AC0-9) 5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 2 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 4 FALSE FALSE FALSE FALSE FALSE Fixed 30

- Normal	
- TFCI Field 1 information	
- CHOICE TFCS representation	complete
- TFCS addition information	
- CHOICE CTFC Size	2 bit
- CTFC information	0
<ul> <li>Power offset information</li> </ul>	Not Present
- CTFC information	1
<ul> <li>Power offset information</li> </ul>	Not Present
- FACH/PCH information	
- TFS	(PCH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	240
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	230
- CRC size	16 bit
- Transport Channel Identity	12 (for PCH)
- CTCH indicator	FALSE
- PICH info	
- Channelisation code	2
- Number of PI per frame	18
- STTD indicator	FALSE
- Secondary CCPCH info	(SCCPCH including two FACHs)
- Primary CPICH usage for channel estimation	Primary CPICH may be used
Secondary CPICH info	Not Present
<ul> <li>Secondary scrambling code</li> </ul>	Not Present
- STTD indicator	FALSE
- Spreading factor	128
- Code number	5
<ul> <li>Pilot symbol existence</li> </ul>	FALSE
- TFCI existence	TRUE
<ul> <li>Fixed or Flexible position</li> </ul>	Flexible
- Timing offset	0
- TFCS	
- Normal	
- TFCI Field 1 information	
<ul> <li>CHOICE TFCS representation</li> </ul>	complete
- TFCS addition information	
- CHOICE CTFC Size	2 bit
- CTFC information	0
- Power offset information	Not Present
- CTFC information	1
- Power offset information	Not Present
- CTFC information	2
	<b>4</b>

- FACH/PCH information	
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	168
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/3
- Rate matching attribute	220
- CRC size	16 bit
- Transport Channel Identity	13 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	168
- Number of TB and TTI List	
- Number of Transport blocks	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/3
- Rate matching attribute	220
- CRC size	16bit
- Transport Channel Identity	14 (for FACH)
- CTCH indicator	TRUE
- CBS DRX Level 1 information	
- Period of CTCH allocation (N)	2
- CBS frame offset (K)	0

Contents of System Information Block type 6 in connected mode (FDD)

- PICH Power offset	-5 dB
- CHOICE Mode	FDD
- AICH Power offset	5 dB
- Primary CCPCH info	Not present
TX Diversity indicator	
DDACL eveters information list	
- PRACH system information list	
- PRACH system information	
- PRACH info	
- CHOICE mode	FDD
- Avallable Signature	10000 0000 1111 1111B
- Available SF	64
<ul> <li>Preamble scrambling code number</li> </ul>	0
- Puncturing Limit	10
Available Sub Channel number	
- Transport Channel Identity	15
- RACH TFS	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
	400
- RLC size	168
<ul> <li>Number of TB and TTI List</li> </ul>	
- Number of Transport blocks	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	
- RLC size	360
<ul> <li>Number of TB and TTI List</li> </ul>	
- Number of Transport blocks	1
- CHOICE Mode	EDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	20 ms
- Type of channel coding	Convolutional
Coding Boto	1/
- Couling Rate	/2
- Rate matching attribute	150
- CRC size	16
- RACH TECS	
Normal	
- Normal	
- TECI Field 1 Information	
<ul> <li>CHOICE TFCS representation</li> </ul>	Complete
<ul> <li>TFCS addition information</li> </ul>	
- CHOICE CTEC Size	2 hit
	2.51
- CIFC Information	0
- Power offset information	
- CHOICE Gain Factors	Computed Gain Factor reference TFC id=0
- Power offset Pp-m	-5 dB
- CTEC information	1
Dower offect information	
- CHOICE Gain Factors	Signalled Gain Factor
- Gain factor ßc	10
- Gain factor ßd	15
- Reference TEC ID	
- Power oliset Pp-m	-DUC-
- PRACH partitioning	
- Access Service Class	
- ASC Setting	Not Present
	EDD
Available signature Otart Index	
- Available signature Start Index	
<ul> <li>Available signature End Index</li> </ul>	<mark>/ (ASC#0)</mark>
Assigned Sub-channel Number	<mark>'1111'B</mark>
- ASC Setting	
- CHOICE mode	
- Available signature Start Index	
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#1)
<ul> <li>Assigned Sub-channel Number</li> </ul>	(1111'B
- ASC Šetting	Not Present
<ul> <li>- Available signature Start Index</li> </ul>	<del>U (//SC#2)</del>

I

	<del>7 (ASC#2)</del>
Assigned Sub-channel Number	<mark>'1111'B</mark>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#3)
- Available signature End Index	7 (ASC#3)
- Assigned Sub-channel Number	Not Present
- ASC Setting	FDD
Available signature Start Index	
- Available signature End Index	$\frac{1}{7}$
- Assigned Sub-channel Number	<u>'1111'B</u>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#5)
- Available signature End Index	7 (ASC#5)
<ul> <li>Assigned Sub-channel Number</li> </ul>	'1111'B
- ASC Setting	Not Present
	FDD
- Available signature Start Index	<del>0 (ASC#6)</del>
- Available signature End Index	<del>7 (ASC#6)</del>
- Assigned Sub-channel Number	
- ABC Belling - CHOICE mode	FDD
- Available signature Start Index	0 (ASC#7)
- Available signature End Index	7 (ASC#7)
- Assigned Sub-channel Number	'1111'B
- Persistence scaling factor	
- Persistence scaling factor	0.9 (for ASC#2)
- Persistence scaling factor	0.9 (for ASC#3)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#4)
- Persistence scaling factor	0.9 (for ASC#5)
- Persistence scaling factor	0.9 (for ASC#6)
- Persistence scaling factor	0.9 (for ASC#7)
- AC-to-ASC mapping table	Not present
- Primary CPICH DL TX power	-10
- PRACH power offset	-10
- Power Ramp Step	3dB
- Preamble Retrans Max	24
- RACH transmission parameters	
- Mmax	2
- NB01min	3 slot
- NB01max	10 slot
- AICH info	
- Channelisation code	
- STID Indicator	FALSE
- Secondary CCPCH system information	0
- Secondary CCPCH info	(SCCPCH including two FACHs)
- Primary CPICH usage for channel estimation	Primary CPICH may be used
- Secondary CPICH info	Not Present
<ul> <li>Secondary scrambling code</li> </ul>	Not Present
- STTD indicator	FALSE
- Spreading factor	64
- Code number	1
- Pilot symbol existence	FALSE
- IFCI existence	
- Fixed of Flexible position	
- Normal	
- TFCI Field 1 information	
- CHOICE TFCS representation	Complete
- TFCS addition information	
- CHOICE CTFC Size	4 bit
- CTFC information	0
<ul> <li>Power offset information</li> </ul>	Not Present
- CTEC information	1

- Power offset information	Not Present
- CTFC information	2
- Power offset information	Not Present
- CTFC information	3
- Power offset information	Not Present
- CTFC information	4
- Power offset information	Not Present
- CTFC information	5
- Power offset information	Not Present
- FACH/PCH information	
- TFS	(FACH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	168
- Number of TB and TTI List	
- Number of Transport blocks	0
- Number of Transport blocks	1
- Number of Transport blocks	2
- Number of Transport blocks	3
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	220
- CRC size	16 bit
- Transport Channel Identity	16 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	·
- RLC Size	360
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	10 ms
- Type of channel coding	Turbo
- Rate matching attribute	130
- CRC size	16bit
- Transport Channel Identity	17 (for FACH)
- CTCH indicator	FALSE
- CBS DRX Level 1 information	Not Present

6.1.3 SCCPCH configuration with Stand-alone SRB for PCCH in the first SCCPCH and Interactive/Background 32 kbps PS RAB + SRBs for CCCH/DCCH/BCCH in the second and third SCCPCHs

Three SCCPCHs are used in this SYSTEM INFORMATION configuration. The first SCCPCH carries the PCH and both the second and third SCCPCHs carry the FACH for Interactive/Background 32 kbps PS RAB and the FACH for SRBs on CCCH/ DCCH/ BCCH.

This Reference System Configuration is the same as defined in chapter 6.1, except for the following SIBs. (SIB6 is not used in this configuration.)

Contents of Scheduling Block 1 (FDD)

-	Re	fer	en	ces	to	other	system	information	blocks

- Scheduling information
- CHOICE Value tag
- Cell Value tag

Cell Value tag

- SEG_COUNT	3
- SIB_REP	128
- SIB POS	26
- SIB_POS offset info	
- SIB OFF	2
- SIB_OFF	2
- SIB type SIBs only	System Information Type 5
- Scheduling information	- · · · · · · · · · · · · · · · · · · ·
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	1
- SIB REP	128
- SIB_POS	22
- SIB_POS offset info	Not Present – use default
- SIB type SIBs only	System Information Type 7
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	2
- SIB REP	128
- SIB_POS	58
- SIB_POS offset info	
- SIB OFF	2
- SIB type SIBs only	System Information Type 11
- Scheduling information	
- CHOICE Value tag	Cell Value tag
- Cell Value tag	1
- SEG_COUNT	2
- SIB_REP	128
- SIB_POS	106
- SIB_POS offset info	
- SIB_OFF	2
- SIB type SIBs only	System Information Type 12
- Scheduling information	
- CHOICE Value tag	PLMN Value tag
- PLMN Value tag	1
- SEG_COUNT	6
- SIB_REP	128
- SIB_POS	74
- SIB_POS offset info	
- SIB_OFF	2
- SIB_OFF	2
- SIB_OFF	8
- SIB_OFF	4
- SIB_OFF	2
- SIB type SIBs only	System Information Type 16

Contents of System Information Block type 5 (FDD)

- SIB6 indicator	FALSE
- PICH Power offset	-5 dB
	5 dB
Primary CCDCH info	Not propert
- Fillinary CCPCH III0	
	FALOE
- PRACH system information list	
- PRACH system information	
- PRACH info	
- CHOICE mode	FDD
- Available Signature	'0000 0000 1111 1111'B
- Available SF	64
<ul> <li>Preamble scrambling code number</li> </ul>	0
- Puncturing Limit	1.0
- Available Sub Channel number	ʻ1111 1111 1111'B
- Transport Channel Identity	15
- RACH TES	
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
	169
Number of TR and TTL List	100
- Number of Transport blocks	1
	FDD
- CHOICE Logical Channel List	ALL
- RLC size	360
- Number of TB and TTI List	
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- Transmission time interval	20 ms
- Type of channel coding	Convolutional
- Coding Rate	1/2
- Rate matching attribute	150
- CRC size	16
	10
Normal	
- Notifiai	
	Complete
- CHOICE IFCS representation	Complete
- IFCS addition information	
- CHOICE CIFC Size	2 bit
- CIFC information	0
<ul> <li>Power offset information</li> </ul>	
- CHOICE Gain Factors	Computed Gain Factor reference TFC id=0
- Power offset Pp-m	-5 dB
- CTFC information	1
- Power offset information	
- CHOICE Gain Factors	Signalled Gain Factor
- Gain factor ßc	10
- Gain factor ßd	15
- Reference TFC ID	0
- Power offset Pp-m	-5dB
- PRACH partitioning	
- Access Service Class	
- ASC Setting	Not Present
Available signature Start Index	
Available signature End Index	
- Available Signature End Index	
- Assigned Sub-channel Number	-++++B
- ASC Setting	500
- CHOICE mode	
- Available signature Start Index	0 (ASC#1)
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#1)
- Assigned Sub-channel Number	'1111'B
- ASC Setting	Not Present
	FDD

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— - Available signature Start Index	<del>0 (ASC#2)</del>
- Available signature End Index	7 (ASC#2)
- Assigned Sub-channel Number	<mark>'1111'B</mark>
- ASC Setting	
- CHOICE mode	EDD
Available signature Start Index	
- Available signature Start Index	0 (ASC#3)
<ul> <li>Available signature End Index</li> </ul>	7 (ASC#3)
<ul> <li>Assigned Sub-channel Number</li> </ul>	'1111'B
- ASC Setting	Not Present
- CHOICE mode	EDD
Available signature Start Index	$0 \left( \Lambda S C \# A \right)$
Available signature Start Index	
- Available signature End Index	7 (ASC#4)
Assigned Sub-channel Number	<mark>'1111'B</mark>
- ASC Setting	
- CHOICE mode	FDD
- Available signature Start Index	0 (ASC#5)
Available signature End Index	7 (ASC#5)
	7 (ASC#5)
- Assigned Sub-channel Number	1111B
- ASC Setting	Not Present
	FDD
- Available signature Start Index	0 (ASC#6)
- Available signature End Index	$\frac{7}{ASC\#6}$
- Assigned Sub channel Number	11111'B
Accounting and the second seco	
- ASC Setting	
- CHOICE mode	FDD
<ul> <li>Available signature Start Index</li> </ul>	0 (ASC#7)
- Available signature End Index	7 (ASC#7)
- Assigned Sub-channel Number	'1111'B
Paraistance cooling factor	TITID
- Persistence scaling lactor	0.0.11 0.0010
- Persistence scaling factor	0.9 (for ASC#2)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#3)
<ul> <li>Persistence scaling factor</li> </ul>	0.9 (for ASC#4)
- Persistence scaling factor	0.9 (for ASC#5)
- Persistence scaling factor	0.9 (for ASC#6)
Persistence scaling factor	$0.9 (101 \times 0000)$
- Persistence scaling factor	0.9(101  ASC # 7)
- AC-to-ASC mapping table	
- AC-to-ASC mapping	6 (AC0-9)
- AC-to-ASC mapping	5 (AC10)
- AC-to-ASC mapping	4 (AC11)
- AC-to-ASC mapping - AC-to-ASC mapping	4 (AC11)
- AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping AC-to-ASC mapping	4 (AC11) 3 (AC12)
- AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping	4 (AC11) 3 (AC12) 2 (AC13)
- AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping - AC-to-ASC mapping	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14)
<ul> <li>AC-to-ASC mapping</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15)
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Proamble Potrace Max</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> </ul>	3 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 5 AL SE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> </ul>	4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> </ul>	3 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs)
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH)
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary code</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> </ul>	5 (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present SAL SE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary Scrambling code</li> <li>STTD indicator</li> </ul>	s (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 10 Not Present FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CPICH usage for channel estimation</li> <li>Secondary CPICH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> </ul>	s (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present Not Present FALSE 128
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> </ul>	s (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 6
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> </ul>	s (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 6 FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary Scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TECL existence</li> </ul>	s (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 6 FALSE FALSE FALSE FALSE FALSE FALSE FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Eived or Elexible position</li> </ul>	s (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 6 FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary CCPCH info</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offect</li> </ul>	s (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 6 FALSE FALS
<ul> <li>AC-to-ASC mapping</li> <li>Primary CPICH DL TX power</li> <li>Constant value</li> <li>PRACH power offset</li> <li>Power Ramp Step</li> <li>Preamble Retrans Max</li> <li>RACH transmission parameters</li> <li>Mmax</li> <li>NB01min</li> <li>NB01max</li> <li>AICH info</li> <li>Channelisation code</li> <li>STTD indicator</li> <li>AICH transmission timing</li> <li>Secondary CCPCH system information</li> <li>Secondary CCPCH info</li> <li>Primary CPICH usage for channel estimation</li> <li>Secondary Scrambling code</li> <li>STTD indicator</li> <li>Secondary scrambling code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> </ul>	s (AC10) 4 (AC11) 3 (AC12) 2 (AC13) 1 (AC14) 0 (AC15) 31 -10 3dB 24 2 3 slot 10 slot 3 FALSE 0 (For 3 SCCPCHs) (SCCPCH for standalone PCH) Primary CPICH may be used Not Present FALSE 128 6 FALSE FALSE FALSE FALSE FALSE FALSE Fixed 30

- Normal	
- TFCI Field 1 information	
- CHOICE TECS representation	Complete
	0.53
- CHOICE CIFC Size	
- CIFC Information	U Not Propont
- Power onset information	1
- CIFC III0IIIalloII	Not Present
- FACH/PCH information	Not riesent
- TES	(PCH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	
- RLC Size	240
- Number of TB and TTI List	
- Number of Transport blocks	0
- Number of Transport blocks	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	10 ms
<ul> <li>Type of channel coding</li> </ul>	Convolutional
- Coding Rate	1/2
- Rate matching attribute	230
- CRC size	16 bit
- Transport Channel Identity	12 (for PCH)
	FALSE
- PICH INTO	2
- Channelisation code	2
- Number of Filiper frame	
- Secondary CCPCH info	(SCCPCH including two EACHs)
- Primary CPICH usage for channel estimation	Primary CPICH may be used
- Secondary CPICH info	Not Present
Secondary corombling code	Not Present
- STTD indicator	FALSE
- Secondary scrambing code - STTD indicator - Spreading factor	FALSE 64
- Secondary scrambing code - STTD indicator - Spreading factor - Code number	FALSE 64 1
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> </ul>	FALSE 64 1 FALSE
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> </ul>	FALSE 64 1 FALSE TRUE
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> </ul>	FALSE 64 1 FALSE TRUE Flexible
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>CHOICE CTEC Size</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>OTEC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTEC information</li> <li>CTEC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>Power offset information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 4 Not Present
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>TFS</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present (FACH)
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE TFCS representation</li> <li>CFC information</li> <li>CFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CHOICE Transport channel type</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present (FACH) Common transport channels
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE TFCS representation</li> <li>CFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information<td>FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 4 Not Present 5 Not Present 5 10 10 10 10 10 10 10 10 10 10</td></li></ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 4 Not Present 5 Not Present 5 10 10 10 10 10 10 10 10 10 10
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE TFCS representation</li> <li>CFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>TTFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 1 1 1 1 1 1 1 1 1 1 1 1
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE TFCS representation</li> <li>CHOICE TFCS representation</li> <li>CFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 0 168 0
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE TFCS representation</li> <li>CFC information</li> <li>CFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of Transport blocks</li> <li>Number of Transport blocks</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 1 1 1 1 1 1 1 1 1 1 1 1
<ul> <li>Secondary scrambing code</li> <li>STTD indicator</li> <li>Spreading factor</li> <li>Code number</li> <li>Pilot symbol existence</li> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE TFCS representation</li> <li>CHOICE TFCS representation</li> <li>CFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>Number of Transport blocks</li> </ul>	FALSE 64 1 FALSE TRUE Flexible 0 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 1 1 1 1 1 1 1 1 1 1 1 1 1

<ul> <li>Number of Transport blocks</li> </ul>	3
- CHOICE Mode	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	
- I ransmission time interval	10 ms
- Type of channel coding	
- Cooling Rate	<sup>1</sup> /2
	16 hit
- Transport Channel Identity	13 (for EACH)
- CTCH indicator	FALSE
- TFS	(FACH)
- CHOICE Transport channel type	Common transport channels
- Dynamic Transport format information	·
- RLC Size	360
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	0
- Number of Transport blocks	1
	FDD
- CHOICE Logical Channel List	ALL
- Semi-static Transport Format information	10 mc
- Type of channel coding	Turbo
- Rate matching attribute	130
- CRC size	16bit
- Transport Channel Identity	14 (for FACH)
- CTCH indicator	FALSE
- Secondary CCPCH info	(SCCPCH including two FACHs)
- Primary CPICH usage for channel estimation	Primary CPICH may be used
Secondary CPICH info	Not Present
- Secondary scrambling code	Not Present
- STID indicator	FALSE
- Spreading factor	64
- Code number	
	TALOL
- TECL existence	TRUF
- TFCI existence - Fixed or Flexible position	TRUE Flexible
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> </ul>	TRUE Flexible 90
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> </ul>	TRUE Flexible 90
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> </ul>	TRUE Flexible 90
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> </ul>	TRUE Flexible 90
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> </ul>	TRUE Flexible 90 Complete
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> </ul>	TRUE Flexible 90 Complete
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTEC information</li> </ul>	TRUE Flexible 90 Complete 4 bit
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTEC information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>Power offset information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information <ul> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>Power offset information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> </ul> </li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Fower offset information</li> <li>TFS</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present (FACH) Common transport channels
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present (FACH) Common transport channels
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<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 4 Not Present 5 Not Presen
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<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information <ul> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>Number of Transport blocks</li> </ul> </li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 5 Not Present 1 5 Not Present 1 5 Not Present 1 5 Not Present 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information <ul> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>FACH/PCH information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> </ul></li></ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 5 Not Present 1 8 0 1 2 3 FDD
<ul> <li>TFCI existence</li> <li>Fixed or Flexible position</li> <li>Timing offset</li> <li>TFCS</li> <li>Normal</li> <li>TFCI Field 1 information</li> <li>CHOICE TFCS representation</li> <li>TFCS addition information</li> <li>CHOICE CTFC Size</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>CTFC information</li> <li>Power offset information</li> <li>CTFC information</li> <li>TFS</li> <li>CHOICE Transport channel type</li> <li>Dynamic Transport format information</li> <li>RLC Size</li> <li>Number of TB and TTI List</li> <li>Number of Transport blocks</li> <li>CHOICE Mode</li> <li>CHOICE Logical Channel List</li> </ul>	TRUE Flexible 90 Complete 4 bit 0 Not Present 1 Not Present 2 Not Present 3 Not Present 4 Not Present 5 Not Present 5 Not Present 5 Not Present 1 68 0 1 2 3 FDD ALL

- Transmission time interval	10 ms
<ul> <li>Type of channel coding</li> </ul>	Convolutional
- Coding Rate	1/2
<ul> <li>Rate matching attribute</li> </ul>	220
- CRC size	16 bit
<ul> <li>Transport Channel Identity</li> </ul>	16 (for FACH)
- CTCH indicator	FALSE
- TFS	(FACH)
<ul> <li>CHOICE Transport channel type</li> </ul>	Common transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	360
<ul> <li>Number of TB and TTI List</li> </ul>	
<ul> <li>Number of Transport blocks</li> </ul>	0
<ul> <li>Number of Transport blocks</li> </ul>	1
- CHOICE Mode	FDD
<ul> <li>CHOICE Logical Channel List</li> </ul>	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	10 ms
<ul> <li>Type of channel coding</li> </ul>	Turbo
<ul> <li>Rate matching attribute</li> </ul>	130
- CRC size	16bit
<ul> <li>Transport Channel Identity</li> </ul>	17 (for FACH)
- CTCH indicator	FALSE
- CBS DRX Level 1 information	Not Present

## 6.1.4 Default parameters for 1 to 8 cell environments

#### Default settings for cell No.1 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	<u>100</u>

#### Default settings for cell No.1 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	0

#### Cell No.2

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.2 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0010B
URA identity	<u>0000 0000 0000 0001B</u>

#### Default settings for cell No.2 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	<u>150</u>

#### Default settings for cell No.2 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
<ul> <li>Primary CCPCH info</li> </ul>	
- Cell parameters ID	4

#### Cell No.3

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.3 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0011B
URA identity	<u>0000 0000 0000 0010B</u>

#### Default settings for cell No.3 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	200

#### 

#### Default settings for cell No.3 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
<ul> <li>Primary CCPCH info</li> </ul>	
- Cell parameters ID	<u>8</u>

#### Cell No.4

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.4 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0100B
URA identity	<u>0000 0000 0000 0010B</u>

#### Default settings for cell No.4 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	<u>250</u>

#### Default settings for cell No.4 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<u>12</u>

#### Cell No.5

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.5 are identical to those of cell No.1 with the following exceptions:

Cell identity	<u>0000 0000 0000 0000 0000 0000 0101B</u>
URA identity	<u>0000 0000 0000 0011B</u>

#### Default settings for cell No.5 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	<u>300</u>

#### 

#### Default settings for cell No.5 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
<ul> <li>Primary CCPCH info</li> </ul>	
- Cell parameters ID	<mark>114</mark>

#### Cell No.6

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.6 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0110B
URA identity	<u>0000 0000 0000 0011B</u>

#### Default settings for cell No.6 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	<u>350</u>

#### Default settings for cell No.6 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
<ul> <li>Primary CCPCH info</li> </ul>	
- Cell parameters ID	1 <u>19</u>

#### Cell No.7

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.7 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 0111B	
URA identity	<u>0000 0000 0000 0100B</u>	

#### Default settings for cell No.7 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	<u>400</u>

#### 

#### Default settings for cell No.7 (TDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
<ul> <li>Primary CCPCH info</li> </ul>	
- Cell parameters ID	<u>123</u>

#### Cell No.8

The contents of SYSTEM INFORMATION BLOCK TYPE 1 to 16 messages for cell No.8 are identical to those of cell No.1 with the following exceptions:

Cell identity	0000 0000 0000 0000 0000 0000 1000B
URA identity	0000 0000 0000 0100B

#### Default settings for cell No.8 (FDD):

Downlink input level	Reference clause 6.10 Parameter Set
Uplink output power	Minimum supported by the UE's power class.
PCCPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
Cell Channel Description	
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	<u>450</u>

#### Default settings for cell No.8 (TDD):

wnlink input level	Reference clause 6.10 Parameter Set
ink output power	Minimum supported by the UE's power class.
CPCH/PCPICH carrier number	Reference clause 6.10 Parameter Set
I Channel Description	
- Primary CCPCH info	
- Cell parameters ID	<u>127</u>

## 6.1.5 Reference Radio Conditions for signalling test cases only (FDD)

The following transmission parameters shall be used for signalling test cases only unless otherwise stated in the description of the individual test case.

Table 6.1.3 are the default settings for a non-suitable cell which is configured and always present whereas Table 6.1.4 is for a cell that is switched off. Cells configured according to Table 6.1.3 are for test cases in which it is necessary to make a cell unsuitable, and then subsequently make it suitable. This could be achieved by switching the cell off and then reconfiguration as in Table 6.1.4, but this takes a lot of time to do.

#### Table 6.1.1: Default settings for a serving cell in a single cell environment

Parameter	<u>Unit</u>	Cell 1	
Cell type		Serving cell	
UTRA RF Channel Number		Channel 1	
<u>Qqualmin</u>	<u>dB</u>	<mark>-24</mark>	
Qrxlevmin	<u>dBm</u>	<mark>-80</mark>	
UE_TXPWR_MAX_RACH	<u>dBm</u>	<mark>21</mark>	
CPICH Ec (see notes 1 and 2)	dBm/3.84	<mark>-60</mark>	
	<u>MHz</u>		
NOTE 1: The power level is specified in terms of CPICH Ec instead of CPICH RSCP as RSCP			
is a receiver measurement and only CPICH_Ec can be directly controlled by the SS.			
NOTE 2: The cell fulfils TS 25.304, 5.2.3.1.2 and TS 25.133, 8.1.2.2.1.			

#### Table 6.1.2: Default settings for a serving cell and a suitable neighbour cell in a multi-cell enviromemt

Parameter	Unit	Cell 1	Cell 2	
Cell type		Serving cell	Suitable neighbour cell	
UTRA RF Channel Number		Channel 1	Channel 1	
<b>Qqualmin</b>	dB	<mark>-24</mark>	<mark>-24</mark>	
Qrxlevmin	dBm	<mark>-80</mark>	<mark>-80</mark>	
UE_TXPWR_MAX_RACH	dBm	<mark>21</mark>	<mark>21</mark>	
CPICH Ec (see notes 1 and 2)	<u>dBm/3.84</u>	<mark>-60</mark>	<mark>-70</mark>	
	<u>MHz</u>			
NOTE 1: The power level is specified in terms of CPICH Ec instead of CPICH RSCP as RSCP				
is a receiver measurement and only CPICH_Ec can be directly controlled by the SS.				
NOTE 2: Both cells fulfil TS 25.304, 5.2.3.1.2 and TS 25.133, 8.1.2.2.1.				

#### Table 6.1.3: Default settings for a non-suitable cell

Parameter	Unit	Level		
<u>Qqualmin</u>	dB	<mark>-24</mark>		
<b>Qrxlevmin</b>	dBm	<mark>-80</mark>		
UE_TXPWR_MAX_RACH	dBm	<mark>21</mark>		
CPICH_Ec	dBm/3.84	<mark>-90</mark>		
	MHz			
NOTE 1: The power level is specified in terms of CPICH Ec instead of CPICH RSCP as				
RSCP is a receiver measurement and only CPICH_Ec can be directly controlled by				
the SS				
NOTE 2: The cell is not suitable according to TS 25.304, 5.2.3.1.2				

#### Table 6.1.4: Default settings for a non-suitable "Off" cell

Parameter	Unit	Level		
Qqualmin	dB	<mark>-24</mark>		
Qrxlevmin	dBm	<mark>-80</mark>		
UE_TXPWR_MAX_RACH	dBm	<u>21</u>		
CPICH_Ec	dBm/3.84	<mark>≤ -122</mark>		
	MHz			
NOTE 1: The power level is specified in terms of CPICH Ec instead of CPICH RSCP as				
RSCP is a receiver measurement and only CPICH Ec can be directly controlled by				
the SS.				
NOTE 2: The cell is not suitable according to TS 25.304, 5.2.3.1.2.				

#### Table 6.1.5: Default power levels of physical channels relative to CPICH\_Ec

Parameter	<u>Unit</u>	Level Idle mode	Level Connected mode
DPCH Ec	dB	(NOTE)	<u>-5</u>
PCCPCH Ec	dB		-2
SCCPCH Ec	dB		<mark>-2</mark>
AICH_Ec	dB		<mark>-5</mark>
SCH_Ec	dB		<mark>-2</mark>
PICH_Ec	dB		<mark>-5</mark>
NOTE: This shall be less than -122 dBm to ensure the channel is considered as			
"off".			

# 6.1.6 Reference Radio Conditions for signalling test cases only (TDD)

#### <End of modified section>

#### 3GPP TSG-T1/SIG Meeting #23 Lund, Sweden, 21<sup>st</sup> - 23<sup>rd</sup> May, 2002

## *Tdoc T1S020237/T1R020120*

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Reason for change:	* Test frequencies have not been specified for operating band III. Terminology of current TS34.108 is inconsistent with TS34.121.					
Summary of change	Test frequencies are added for operation band III. Terms operating band I, II and III are added.					
Consequences if not approved:	* Test frequencies do not exist for operating band III. TS34.108 and TS34.121 are inconsistent.					
Clauses affected:	<b>%</b> 5.1					
Other specs affected:	<b>%</b> Other core specifications <b>%</b> Test specifications <b>%</b> O&M Specifications <b>*</b>					
Other commenter	مە					
Other comments:	ው					

#### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

# 5 Reference Test Conditions

## 5.1 Test frequencies

The test frequencies are based the UMTS frequency bands defined in the core specifications.

To avoid interference with adjacent frequency bands the lowest test frequency (downlink and uplink) needs to be offset upwardly by at least 2,6 MHz since the channel's width is 5 MHz for FDD and 3.84 Mcps TDD option, and 0.8 MHz for 1.28 Mcps TDD option since the channel's width is 1.6 MHz. The raster spacing is 200KHz. Similarly the highest test frequency (downlink and uplink) needs to be offset downwardly by at least 2.6 MHz for FDD and 3.84 Mcps TDD option, and 0.8 MHz for DD option, and 0.8 MHz for TDD option.

NOTE: Additional regulations concerning interferences to frequency bands used by different systems may also exist. Those regulations are specific to the country where the test equipment is used and need to be taken into account if they require a higher offset than 2,6 MHz from the edge frequencies for FDD and 3.84 Mcps TDD option, and 0.8 MHz for 1.28 Mcps TDD option.

### 5.1.1 FDD Mode Test frequencies

UTRA/FDD is designed to operate in <u>either one</u> of <u>two-three</u> paired bands [11]. <u>The second band is used in ITU Region</u> 2. The reference test frequencies for the common test environment for each of the <u>2 regions3 operating bands</u> are defined in the following tables:

#### 5.1.1.1 Standard FDD reference test frequencies for Operating Band I

Test Frequency ID	UARFCN	Frequency of Uplink	UARFCN	Frequency of Downlink
Low Range	9 613	1 922.6 MHz	10 563	2 112.6 MHz
Mid Range	9 750	1 950.0 MHz	10 700	2 140.0 MHz
High Range	9 887	1 977.4 MHz	10 837	2 167.4 MHz

#### 5.1.1.2 FDD reference test frequencies for ITU region 2 Operating Band II

Test Frequency ID	UARFCN	Frequency of Uplink	UARFCN	Frequency of Downlink
Low Range	9 263	1 852.6 MHz	9 663	1 932.6 MHz
Mid Range	9 400	1 880 MHz	9 800	1 960 MHz
High Range	9 537	1 907.4 MHz	9 937	1 987.4 MHz

#### 5.1.1.3 FDD reference test frequencies for Operating Band III

Test Frequency ID	UARFCN	Frequency of Uplink	<b>UARFCN</b>	Frequency of Downlink
Low Range	<u>8 563</u>	<u>1 712.6 MHz</u>	<u>9 038</u>	<u>1 807.6 MHz</u>
Mid Range	<u>8 737</u>	<u>1 747.4 MHz</u>	<u>9 212</u>	<u>1 842.4 MHz</u>
High Range	<u>8 912</u>	<u>1 782.4 MHz</u>	<u>9 387</u>	<u>1 877.4 MHz</u>

			CHAN	GE REC	QUES.	Г	C	R-Form-v6.1
ж	Т	<mark>S 34.108</mark>	CR 119	жrev	<b>۳</b>	Current vers	<sup>ion:</sup> <b>4.2.1</b>	ж
	5	Spec Title:	Common Test Conformance 1	Environment Festing	s for User	Equipment (UI	Ξ)	¥
For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the <b>#</b> symbols. <b>Proposed change affects: #</b> (U)SIM ME/UE <b>X</b> Radio Access Network Core Network								
Title:			of default mess	age contents	for Signa	lling in clause §	9.1 for TDD mo	de
Work ite	m code:	# TEI, LCR	TDD			Date: ೫	30/4/2002	
Category	<i>!:</i> 8	<ul> <li>F</li> <li>Use <u>one</u> of</li> <li>F (con</li> <li>A (cor</li> <li>B (add</li> <li>C (fun</li> <li>D (edi</li> <li>Detailed exp</li> <li>be found in</li> </ul>	the following cate rection) responds to a cor dition of feature), ctional modification torial modification blanations of the a 3GPP <u>TR 21.900</u>	gories: rection in an e on of feature) ) above categori	arlier relea es can	Release: # Use <u>one</u> of 2 se) R96 R97 R98 R99 REL-4 REL-5	R4 the following rele (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5)	ases:

Reason for change: #	TDD default message contents are included for testing UE properly		
Summary of change: <sup>#</sup>	Section 9.1 is splitted in two subsections, one for FDD and one for TDD		
	These Contents for default message contents have been identified as necessary to be specified separately for TDD mode in TS 34.108 for the correct behaviour of the tests in TS 34.123-1		
	<ul> <li>Contents of RADIO BEARER SETUP message: AM or UM (Speech in CS) (3.84 Mcps TDD option)</li> </ul>		
	<ul> <li>Contents of RADIO BEARER SETUP message: AM or UM (Speech in CS) (1.28 Mcps TDD option)</li> </ul>		
	<ul> <li>Contents of RADIO BEARER SETUP message: AM or UM (Packet to CELL_DCH from CELL_DCH in PS) (3.84 Mcps TDD option)</li> </ul>		
	<ul> <li>Contents of RADIO BEARER SETUP message: AM or UM (Packet to CELL_DCH from CELL_DCH in PS) (1.28 Mcps TDD option)</li> </ul>		
	- Contents of RADIO BEARER SETUP COMPLETE message: AM		
	- Contents of RADIO BEARER RELEASE COMPLETE message:AM		
	<ul> <li>Contents of RRC CONNECTION SETUP message: UM (Transition to CELL_DCH) (3.84 Mcps TDD option)</li> </ul>		
	<ul> <li>Contents of RRC CONNECTION SETUP message: UM (Transition to CELL_DCH) (1.28 Mcps TDD option)</li> </ul>		
	Samsung's comment received:		

	Contents of RADIO BEARER SETUP message: AM or UM (Packet to CELL DCH from CELL DCH in PS) RRC transaction identifier specifies as 0			
Consequences if not approved:	X         The test prose cannot test UE correctly.			
0				
Clauses affected:	# Section 9.1			
Other specs	# Other core specifications      #			
affected:	Test specifications			
	O&M Specifications			
Other comments:	Last 11 SIG#22 meeting some CRs were approved for this section for FDD mode.			
	These changes have been taken in account when heeded.			
	(T1S-020138r1, T1S-020154, T1S-020156, T1S-020158r1, T1S-020225)			

#### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: <u>http://www.3gpp.org/3G\_Specs/CRs.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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 Default Message Contents

## 9.1 Default Message Contents for Signalling

This clause contains the default values of common messages, which unless indicated otherwise in specific clauses of TS 34.123-1, shall be transmitted and checked by the system simulator.

In this clause, decimal values are normally used. However, sometimes a hexadecimal value, indicated by an "H", or a binary value, indicated by a "B" is used.

# 9.1.1 Default Message Contents for Signalling (FDD)

Contents of DOWNLINK DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	0
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
CN domain identity	CS domain or PS domain
NAS message	See Specific Message Content for each test case

Contents of INITIAL DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent
- Message authentication code	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.
CN domain identity	CS domain or PS domain
Intra Domain NAS Node Selector	Set to the same octet string as in the IMSI stored in the USIM card
NAS message	Set according to that indicated in specific message content for each test case
Measured results on RACH	Not checked

Contents of PAGING TYPE 1 message: TM (Speech in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Conversational Call
- CN domain identity	CS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

#### Contents of PAGING TYPE 1 message: TM (The others of speech in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Streaming Call
- CN domain identity	CS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

## Contents of PAGING TYPE 1 message: TM (Packet in PS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	CN identity
- Paging cause	Terminating Interactive Call
- CN domain identity	PS domain
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

Contents of RADIO BEARER SETUP message: AM or UM (Speech in CS)

Information Element	Value/remark
Message Type	
RRC transaction identifier	0
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
- Ciphering mode command	Start/restart
- Cipnering algorithm	
- Cipnering activation time for DPCH	(256+CFN-(CFN MOD 8 + 8))MOD 256
- Radio bearer downlink ciphening activation time	Not Present
Activation time	
New LI-RNTI	Not Present
New C-RNTI	Not Present
BRC State indicator	CELL DCH
UTRAN DRX cycle length coefficient	Not Present
CN information info	Not Present
URA identity	Not Present
Signalling RB information to setup list	Not Present
RAB information for setup list	
- RAB information for setup	
- RAB info	
- RAB identity	0000 0001B
- CN domain identity	CS domain
<ul> <li>NAS Synchronization Indicator</li> </ul>	Not Present
- Re-establishment timer	UseT314
- RB information to setup	
- RB identity	10 Not Descent
- PDCP INIO CHOICE BLC info tuno	Rot Present
- CHOICE LIDInk RI C mode	
- Transmission RI C discard	Not Present
- Segmentation indication	FALSE
- CHOICE Downlink RI C mode	TMRIC
- Segmentation indication	FALSE
- RB mapping info	
- Information for each multiplexing option	
- RLC logical channel mapping indicator	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
- Uplink transport channel type	DCH
- UL Transport channel identity	1
- Logical channel identity	Not Present
- CHOICE RLC size list	Configured
- IVIAC logical channel priority	1
- DOWNINK KLU IOGICAL CHANNEL INTO	1
- Number of downlink REC logical champels	
- DUWINNIK transport channel identity	6
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
- RB identity	11
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	TM RLC
- Transmission RLC discard	Not Present
- Segmentation indication	FALSE
- CHOICE Downlink RLC mode	TM RLC

Information Element	Value/remark
- Segmentation indication	FALSE
- RB mapping info	
<ul> <li>Information for each multiplexing option</li> </ul>	
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of uplink RLC logical channels	1
- Uplink transport channel type	DCH
- UL Transport channel identity	2
- Logical channel identity	Not Present
- CHOICE RLC size list	Configured
- MAC logical channel priority	1
- Downlink RLC logical channel info	
- Number of downlink RLC logical channels	1
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	7
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
- RB identity	12
- PDCP info	Not Present
- CHOICE RI C info type	RI C info
- CHOICE Uplink RI C mode	TMRIC
- Transmission RLC discard	Not Present
- Segmentation indication	FALSE
- CHOICE Downlink RLC mode	TMRLC
- Segmentation indication	FALSE
- RB mapping info	
- Information for each multiplexing option	
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Uplink transport channel type	DCH
- UL Transport channel identity	3
- Logical channel identity	Not Present
- CHOICE RLC size list	Configured
- MAC logical channel priority	1
- Downlink RLC logical channel info	
- Number of downlink RLC logical channels	1
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>	8
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	Not Present
RB information to be affected list	Not Present
Downlink counter synchronisation info	Not Present
UL Transport channel information for all transport	
channels	
- PRACH IFCS	Not Present
- CHOICE mode	
	NOT Present
	Normal
- CHOICE IFCI signalling	noma
	Complete reconfiguration
- CHOICE TFCS representation	Complete reconfiguration
- CHOICE CIFC Size	This IF is repeated for TFC numbers and reference to
- CTFC Information	This IE is repeated for TFC numbers and reference to
	Reference to TS3/ 102 clause 6 10 Recomptor Set
- Dower offset information	Reference to 1354.100 clause 0.10 Parameter Set
- CHOICE Gain Factors	Computed Gain Factors/The last TEC is set to Computed
	Gain Factors)
- Gain factor Bc	11 (below 64 kbps)
	9 (higher than 64 khos)
	(Not Present if the above is set to Computed Gain
	Factors)
- Gain factor ßd	15
	(Not Present if the above is set to Computed Gain
	Factors)
- Reference TFC ID	0
- CHOICE mode	FDD

- Power offset P p-m	Not Present
Deleted TrCH information list	Not Present
Added or Peconfigured TrCH information list	
	3 DOLIS
- Added or Reconfigured UL IrCH Information	
- Uplink transport channel type	DCH
- UL Transport channel identity	1
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
Dynamia Transport format information	
- Dynamic Transport format information	
- RLC Size	Reference to 1534.108 clause 6.10 Parameter Set
- Number of TBs and TTI List	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to TS34.108 clause 6.10 Parameter Set
- CHOICE Logical Channel list	ΔΙ
Somi static Transport Format information	7 41
	Defense to TOOA 400 classes 0.40 Demonster Oct
- Transmission time interval	Reference to 1534.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set
- Rate matching attribute	Reference to TS34.108 clause 6.10 Parameter Set
- CRC size	Reference to TS3/ 108 clause 6 10 Parameter Set
Unlink transport shannel type	
- UL Transport channel identity	2
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	
- BLC Size	Reference to TS34 108 clause 6 10 Parameter Set
Number of TPe and TTL List	(This IE is reported for TEL number )
	(This IE is repeated for TFT humber.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to TS34.108 clause 6.10 Parameter Set
- Transmission Time Interval	Reference to TS34.108 clause 6.10 Parameter Set
- Number of Transport blocks	(This IE is repeated for TFI number.)
- CHOICE Logical Channel list	ÂII
- Semi-static Transport Format information	
Transmission time interval	Poterance to TS24 108 clause 6 10 Parameter Set
	Reference to TC34.100 clause 0.10 Falameter Set
- Type of channel cooling	Reference to 1534.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set
- Rate matching attribute	Reference to TS34.108 clause 6.10 Parameter Set
- CRC size	Reference to TS34.108 clause 6.10 Parameter Set
- Uplink transport channel type	DCH
- III Transport channel identity	3
	•
CHOICE Transport shannel turns	Dedicated transport channels
- CHOICE Transport Granner type	Dedicated transport channels
- Dynamic Transport format information	
- RLC Size	Reference to TS34.108 clause 6.10 Parameter Set
- Number of TBs and TTI List	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to TS34 108 clause 6 10 Parameter Set
- Transmission Time Interval	Reference to TS34 108 clause 6 10 Parameter Set
Number of Transport blocks	(This IE is reported for TEL number )
- CHOICE Logical Channel list	All
- Semi-static Transport Format information	
- Transmission time interval	Reference to TS34.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34 108 clause 6 10 Parameter Set
Poto matching attributo	Performed to TS34 108 clause 6 10 Parameter Set
	Deference to TS34.100 clause 0.10 Talameter Set
CHOICE mode	FUU
- CPCH set ID	Not Present
- Added or Reconfigured TrCH information for DRAC	Not Present
list	
DL Transport channel information common for all	
transport channel	
	Not Procent
- CHOICE DL parameters	Same as UL
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	3 DCHs

	Information Element	Value/remark
	Added or Reconfigured DL TrCH information	
	- Downlink transport channel type	DCH
	- DL Transport channel identity	6
	- CHOICE DL parameters	Same as UI
	- Unlink transport channel type	
	- III. TrCH identity	1
	- DCH quality target	6.2
	- DLER Quality value	-0.3 Not Descent
	- Transparent mode signalling info	Not Present
	- Downlink transport channel type	DCH
	- DL Transport channel identity	1
	- CHOICE DL parameters	Same as UL
	<ul> <li>Uplink transport channel type</li> </ul>	DCH
	- UL TrCH identity	2
	<ul> <li>DCH quality target</li> </ul>	
	- BLER Quality value	Not Present
	<ul> <li>Transparent mode signalling info</li> </ul>	Not Present
	- Downlink transport channel type	DCH
	- DL Transport channel identity	8
	- CHOICE DL parameters	Same as UL
	- Uplink transport channel type	DCH
	- UI TrCH identity	3
	- DCH quality target	
	BLER Quality value	Not Procent
	Transporent mode signalling info	Not Present
	- Transparent mode signaling into	NOL FIESEIIL
		Deference to cloure 5.4 Test frequencies
	- UARFON UPIINK(INU)	Reference to clause 5.1 Test frequencies
	- UARFCN downlink(Nd)	Reference to clause 5.1 Test frequencies
	Maximum allowed UL TX power	33dBm
	CHOICE channel requirement	Uplink DPCH info
	<ul> <li>Uplink DPCH power control info</li> </ul>	
	<ul> <li>DPCCH power offset</li> </ul>	-6dB
	- PC Preamble	1 frame
	- SRB delay	7 frames
	- Power Control Algorithm	Algorithm1
	- TPC step size	1dB
	- Scrambling code type	Long
	- Scrambling code number	0 (0 to 16777215)
	- Number of DPDCH	Not Present(1)
	- spreading factor	Reference to TS34.108 clause 6.10 Parameter Set
	- TECL existence	Reference to TS34 108 clause 6 10 Parameter Set
	- Number of FBI bit	Reference to TS34 108 clause 6 10 Parameter Set
	- Puncturing Limit	Reference to TS34 108 clause 6 10 Parameter Set
	Downlink DDSCH information	Not Propert
	- DUWINNIK FDOUT INIUMIANUN Downlink information common for all radia links	
	- DOWNIINK DPCH INTO COMMON FOR All RL	Maintain
	- Timing indicator	Iviaintain
	- CFIN-targetSFIN frame offset	NOT Present
	- DOWNLINK DPCH power control information	
	- DPC mode	U (single)
	- CHOICE mode	טטא
	- Power offset Ppilot-DPDCH	0
ļ	<ul> <li>DL rate matching restriction information</li> </ul>	Not Present
	- Spreading factor	Reference to TS34.108 clause 6.10 Parameter Set
	- Fixed or Flexible Position	Reference to TS34.108 clause 6.10 Parameter Set
	- TFCI existence	Reference to TS34.108 clause 6.10 Parameter Set
	- CHOICE SF	Reference to TS34.108 clause 6.10 Parameter Set
	- DPCH compressed mode info	Not Present
ļ	- TX Diversity mode	None
	- SSDT information	Not Present
	- Default DPCH Offset Value	Not Present
	Downlink information for each radio link list	
	Downlink information for each radia link	
	- Downlink information for each radio link	
		רטט
	- Primary CPICH into	
	- Primary scrambling code	Reterence to clause 6.1 "Default settings (FDD)"
Information Element	Value/remark	
--	---	
- PDSCH with SHO DCH info	Not Present	
- PDSCH code mapping	Not Present	
- Downlink DPCH info for each RL		
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>	Primary CPICH may be used	
- DPCH frame offset	0 chips	
- Secondary CPICH info	Not Present	
- DL channelisation code		
<ul> <li>Secondary scrambling code</li> </ul>	1	
- Spreading factor	Reference to TS34.108 clause 6.10 Parameter Set	
- Code number	0	
- Scrambling code change	No change	
- TPC combination index	0	
- SSDT Cell Identity	Not Present	
<ul> <li>Closed loop timing adjustment mode</li> </ul>	Not Present	
<ul> <li>SCCPCH information for FACH</li> </ul>	Not Present	

Contents of RADIO BEARER SETUP message: AM or UM (Packet to CELL\_DCH from CELL\_DCH in PS)

Information Element	Value/remark
Message Type	
RRC transaction identifier	0
Integrity check info	The presence of this IF is dependent on IXIT statements
	in TS 34 123-2 If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
- message authentication code	SS calculates the value of MAC-I for this message and
	writes to this IE.
- RRC message sequence number	SS provides the value of this IE. from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
<ul> <li>Ciphering mode command</li> </ul>	Start/restart
- Ciphering algorithm	Use one of the supported ciphering algorithms
<ul> <li>Ciphering activation time for DPCH</li> </ul>	(256+CFN-(CFN MOD 8 + 8))MOD 256
- Radio bearer downlink ciphering activation time	Not Present
info	
Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
New U-RN11	Not Present
New C-RN11	Not Present
KRC State Indicator	GELL_DCH
OTRAN DRX cycle length coefficient	Not Present
	Not Present
Signalling PB information to setup	Not Present
RAB information for setup	Not i lesent
- RAB info	
- RAB identity	0000 0101B
- CN domain identity	PS domain
- NAS Synchronization Indicator	Not Present
- Re-establishment timer	UseT314
- RB information to setup	
- RB identity	20
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	AM RLC
- Transmission RLC discard	
- MAA_DAT Timor MBW	4
- Transmission window size	8
- Timer RST	500
- Max_RST	4
- Polling info	
- Timer_poll_prohibit	200
- Timer_poll	200
- Poll_SDU	1
- Last transmission PDU poll	TRUE
- Last retransmission PDU poll	IRUE
- Poll_Windows	99
- CHOICE DOWNINK RLC mode	
- III-sequence delivery	
- Downlink RI C status info	
- Timer status prohibit	200
- Timer EPC	200
- Missing PDU indicator	TRUE
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Uplink transport channel type	DCH

Information Element	Value/remark
- UL Transport channel identity	1
- Logical channel identity	Not Present
	Configured
- MAC logical channel priority	
- Downlink RLC logical channel info	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	1
<ul> <li>Downlink transport channel type</li> </ul>	DCH
- DL DCH Transport channel identity	6
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
- PLC logical channel manning indicator	Not Present
Number of unlink DLC legical shappede	
- Number of uplink RLC logical channels	
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	7
- CHOICE RLC size list	Explicit List
- RLC size index	Reference to TS34.108 clause 6 Parameter Set
- MAC logical channel priority	6
- Downlink RLC logical channel info	
- Number of downlink PLC logical channels	1
- Number of downlink NEC logical channels	
- Downlink transport channel type	
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	7
RB information to be affected list	Not Present
Downlink counter synchronisation info	Not Present
UL Transport channel information for all transport	
channels	
- PRACH TECS	Not Present
	EDD
	FDD Net Dresent
	Not Present
- UL DCH IFCS	
- CHOICE TFCI signalling	Normal
- TFCI Field 1 information	
<ul> <li>CHOICE TFCS representation</li> </ul>	Complete reconfiguration
- TFCS complete reconfigure information	
- CHOICE CTEC Size	
- CTEC information	This IF is repeated for TEC numbers and reference to
	TS34 108 clause 6 10
OTEC	Peteropae to TS24 109 elevine 6 10 Decemptor Set
- CIFC	Reference to 1554.100 clause 0.10 Parameter Set
- Power offset information	
- CHOICE Gain Factors	Computed Gain Factors (The last TFC is set to Computed
	Gain Factors)
- Gain factor βc	11 (below 64 kbps)
	9 (higher than 64 kbps)
	(Not Present if the above is set to Computed Gain
	Factors)
- Gain factor ßd	15
	Not Present if the above is set to Computed Cain
	(Not i resent il the above is set to computed Gam
Deference TEO ID	
- Reference TFC ID	0
- CHOICE mode	FDD
- Power offset P p-m	Not Present
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	
- Added or Reconfigured UL TrCH information	
- Uplink transport channel type	DCH
- III Transport channel identity	1
	'
CHOICE Transport shannel trans	Dedicated trapsport channels
- Unuce transport channel type	Dedicated transport channels
- Dynamic Transport format information	
- RLC Size	Reterence to TS34.108 clause 6.10 Parameter Set
- Number of TBs and TTI List	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to TS34.108 clause 6.10 Parameter Set
- CHOICE Logical Channel list	All
- Semi-static Transport Format information	

Information Element	Value/remark
- Transmission time interval	Reference to TS34,108 clause 6,10 Parameter Set
- Type of channel coding	Reference to TS34 108 clause 6 10 Parameter Set
Coding Boto	Reference to TS24.100 clause 6.10 Parameter Set
- Couling Nate	Reference to TS34.100 clause 0.10 Parameter Set
- Rate matching attribute	Reference to 1534.108 clause 6.10 Parameter Set
- CRC size	Reference to TS34.108 clause 6.10 Parameter Set
CHOICE mode	FDD
- CPCH set ID	Not Present
<ul> <li>Added or Reconfigured TrCH information for</li> </ul>	Not Present
DRAC list	
DI Transport channel information common for all	
transport channel	
	Not Dropont
	Not Present
- CHOICE mode	FDD
- CHOICE DL parameters	Explicit
- DL DCH TFCS	
- CHOICE TFCI signalling	Normal
- TFCI Field 1 information	
- CHOICE TFCS representation	Complete reconfiguration
- TECS complete reconfigure	galation galation
- UNDICE UTFU SIZE	This IF is repeated for TFO symbols and reference to
- CIFC Information	
	IS34.108 clause 6.10
- CTFC	Reterence to TS34.108 clause 6.10 Parameter Set
<ul> <li>Power offset information</li> </ul>	
- CHOICE Gain Factors	Computed Gain Factors(The last TFC is set to Computed
	Gain Factors)
- Gain factor ßc	11 (below 64 kbps)
	9 (higher than 64 kbps)
	(Net Dresent if the above is set to Computed Coin
	Factors)
- Gain factor βd	15
	(Not Present if the above is set to Computed Gain
	Factors)
- Reference TFC ID	0
- CHOICE mode	FDD
- Power offset P n m	Not Present
Polotod TrCL information list	Not Present
Added on Depending and Troubling formation list	Not Present
Added or Reconfigured TrCH Information list	
- Added or Reconfigured DL TrCH information	
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li>DL Transport channel identity</li> </ul>	6
- CHOICE DL parameters	Explicit
- TES	+
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	
	Deference to TC24 100 elevice C 40 Decementar C-t
	THE FEILER IN 1994. 108 Clause 6. 10 Parameter Set
- Number of TBs and TTT List	(Inis IE is repeated for IEI number.)
- I ransmission I ime Interval	Not Present
<ul> <li>Number of Transport blocks</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- Semi-static Transport Format information	
- Transmission time interval	Reference to TS34.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34 108 clause 6 10 Parameter Set
- Pate matching attribute	Reference to TS34 108 clause 6 10 December Set
	Deference to TC24 400 eleves 0.40 Decementar Oct
	Reference to 1534.108 clause 6.10 Parameter Set
- DCH quality target	
- BLER Quality value	-6.3
<ul> <li>Transparent mode signalling info</li> </ul>	Not Present
Frequency info	
- UARFCN uplink(Nu)	Reference to clause 5.1 Test frequencies
- UARECN downlink(Nd)	Reference to clause 5.1 Test frequencies
	33dBm
	Unlink DPCH info
- Uplink DPCH power control into	
- DPCCH power offset	-6aB
- PC Preamble	1 frame
- SRB delay	7 frames

Information Element	Value/remark
- Power Control Algorithm	Algorithm1
- TPC step size	1dB
- Scrambling code type	Long
- Scrambling code number	0 (0 to 16777215)
- Number of DPDCH	Not Present(1)
- spreading factor	Reference to TS34.108 clause 6.10 Parameter Set
- TFCI existence	Reference to TS34.108 clause 6.10 Parameter Set
- Number of FBI bit	Reference to TS34.108 clause 6.10 Parameter Set
- Puncturing Limit	Reference to TS34.108 clause 6.10 Parameter Set
CHOICE Mode	FDD
- Downlink PDSCH information	Not Present
Downlink information common for all radio links	
- Downlink DPCH info common for all RL	
- Timing indicator	Maintain
- CFN-targetSFN frame offset	Not Present
- Downlink DPCH power control information	
- DPC mode	0 (single)
- CHOICE mode	FDD
- Power offset P <sub>Pilot-DPDCH</sub>	0
- DL rate matching restriction information	Not Present
- Spreading factor	Reference to TS34.108 clause 6.10 Parameter Set
- Fixed or Flexible Position	Reference to TS34.108 clause 6.10 Parameter Set
- TFCI existence	Reference to TS34.108 clause 6.10 Parameter Set
- CHOICE SF	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>DPCH compressed mode info</li> </ul>	Not Present
- TX Diversity mode	None
- SSDT information	Not Present
<ul> <li>Default DPCH Offset Value</li> </ul>	Not Present
Downlink information for each radio link list	
<ul> <li>Downlink information for each radio link</li> </ul>	
- Choice mode	FDD
- Primary CPICH info	
<ul> <li>Primary scrambling code</li> </ul>	Reference to clause 6.1 "Default settings (FDD)"
- PDSCH with SHO DCH info	Not Present
<ul> <li>PDSCH code mapping</li> </ul>	Not Present
<ul> <li>Downlink DPCH info for each RL</li> </ul>	
<ul> <li>Primary CPICH usage for channel estimation</li> </ul>	Primary CPICH may be used
- DPCH frame offset	0 chips
- Secondary CPICH info	Not Present
- DL channelisation code	
<ul> <li>Secondary scrambling code</li> </ul>	1
- Spreading factor	Reference to TS34.108 clause 6.10 Parameter Set
- Code number	0
- Scrambling code change	No change
- TPC combination index	0
- SSDT Cell Identity	Not Present
<ul> <li>Closed loop timing adjustment mode</li> </ul>	Not Present
<ul> <li>SCCPCH information for FACH</li> </ul>	Not Present

# Contents of RADIO BEARER SETUP COMPLETE message: AM

Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
	the downlink RADIO BEARER SETUP message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	Its as stated below. Else, this It and the sub-Its shall be absent.
- Message authentication code	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is used
	by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked.
CHOICE mode	FDD
START	Not checked
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM and
	(b) UE is transiting to CELL_DCH state after the RB
	establishment procedure. Else, this IE is absent.
Radio bearer uplink cipnering activation time into	If cipnering is not activated in RADIO BEARER SETUP
	for the presence of estivation times of all eightered unlink
	Net checked
1	1

# Contents of RADIO BEARER RELEASE COMPLETE message: AM

Message Type	
RRC transaction identifier	Checked to see the value is identical to the same IE in the downlink RADIO BEARER RELEASE message
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent.
- Message authentication code	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked.
CHOICE mode	FDD
COUNT-C activation time	The presence of this IE depends on the following 2
Radio bearer uplink ciphering activation time info	factors: (a) There exists RB(s) mapped to RLC-TM and (b) UE is transiting to CELL_DCH state after the RB release procedure. Else, this IE is absent. If ciphering is not activated in RADIO BEARER RELEASE message, this IE must be absent. Else, SS checks this IE for the presence of activation times of all ciphered uplink
Uplink counter synchronisation info	Not checked

# Contents of RRC CONNECTION REQUEST message: TM

Information Element	Value/remark
Message Type	
Initial UE identity	
- CHOICE UE id type	
- IMSI (GSM-MAP)	Set to the UE's IMSI (GSM-MAP) or TMSI.
Establishment cause	To be checked against requirement if specified
Protocol error indicator	FALSE
Measured results on RACH	Not checked

# Contents of RRC CONNECTION RELEASE message: UM

Information Element	Value/remark
Message Type	
U-RNTI	This IE is set to the following value when the message is
	transmitted on the CCCH. When transmitted on DCCH,
	this is absent.
- SRNC identity	0000 0000 0001B
- S-RNTI	0000 0000 0000 0000 0001B
RRC transaction identifier	0
Integrity check info	The presence of this IE depends on 2 factors:
	(a) IXIT statements in TS 34.123-2: If integrity protection
	is indicated to be active, this IE is present with the
	values of the sub IEs as stated below. Else, this IE and
	the sub-IEs are omitted.
	(b) This IE is present when this message is transmitted on
	downlink DCCH. Else, this IE and the sub-IEs are
	omitted.
- Message authentication code	SS calculates the value of MAC-I for this message and
DDO M	writes to this IE.
- RRC Message sequence number	SS provides the value of this IE, from its internal counter.
N308	2 (for CELL_DCH state). Not Present (for UE in other
	connected mode states).
Release cause	Normal event
Rpimn information	Not Present

# Contents of RRC CONNECTION RELEASE COMPLETE message: AM or UM

Information Element	Semantics description
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the value of the same IE transmitted in the downlink RRC CONNECTION RELEASE message.
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent.
- Message authentication code	Checked to see if it's identical to the value of XMAC-I calculated by the SS
- RRC Message sequence number	Checked to see if it is present. This number is used by the SS to compute the XMAC-I
Error indication	Not checked

Contents of RRC CONNECTION SETUP message: UM (Transition to CELL\_DCH)

Information Element	Value/remark
Message Type	
Initial UE identity	Select the same identity as in the IF "Initial UF Identity" in
	received RRC CONNECTION REQUEST" message
RRC transaction identifier	
Activation time	Not Present(Now)
New U-RNTI	
- SRNC identity	0000 0000 0001B
- S-RNTI	0000 0000 0000 0000 0001B
New C-RNTI	0000 0000 0000 0001B
RRC State Indicator	CELL DCH
UTRAN DRX cycle length coefficient	9
Capability update requirement	Not Present
Signalling RB information to setup	(UM DCCH for RRC)
- RB identity	1
- CHOICE RLC info type	
- RLC info	
- CHOICE Uplink RLC mode	UM RLC
- Transmission RLC discard	
- SDU discard mode	Timer based no explicit
- Timer discard	50
- CHOICE Downlink RLC mode	UM RLC
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	1
- Uplink transport channel type	DCH
- UL Transport channel identity	5
- Logical channel identity	1
- CHOICE RLC size list	Configured
- MAC logical channel priority	1
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	10
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	1
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of RLC logical channels</li> </ul>	1
<ul> <li>Uplink transport channel type</li> </ul>	RACH
<ul> <li>UL Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	1
- CHOICE RLC size list	Explicit List
- RLC size index	Reference to TS34.108 clause 6 Parameter Set
<ul> <li>MAC logical channel priority</li> </ul>	2
- Downlink RLC logical channel info	
- Number of RLC logical channels	
- Downlink transport channel type	FACH
<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present
- DL DSCH Fransport channel identity	Not Present
- Logical channel identity	
Signalling RB information to setup	(AM DCCH for RRC)
	2
- CHOICE RLC Into type	
- KLU INTO	
- Iransmission KLU discard	Max DAT retransmissions
- MAX_UAT	4
	-+ 0
- Hansinission window size	0 500
	4
- Fulling Iniu Timor poll probibit	200
	200

Information Element	Value/remark
- Timer, poll	200
- Poll SDU	1
Last transmission PDL poll	
- Last retransmission PDU poli	
- Poll_Windows	99
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	8
- Downlink RI C status info	
- Timer status prohibit	200
Timor EPC	200
- Tillel_EFC	
	IRUE
- RB mapping info	
<ul> <li>Information for each multiplexing option</li> </ul>	2 RBMuxOptions
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of RLC logical channels</li> </ul>	1
- Uplink transport channel type	DCH
- UL Transport channel identity	5
- Logical channel identity	2
	Configured
- CHOICE REC SIZE IISt	
	2
- DOWNIINK KLC logical channel into	
- Number of RLC logical channels	1
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>	10
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	2
- RI C logical channel mapping indicator	Not Present
Number of PLC logical channels	1
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	2
- CHOICE RLC size list	Explicit List
- RLC size index	Reference to TS34.108 clause 6 Parameter Set
- MAC logical channel priority	3
- Downlink RI C logical channel info	
- Number of RLC logical channels	1
- Downlink transport channel type	
DL DCH Transport channel identity	Net Drecent
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	2
Signalling RB information to setup	(AM DCCH for NAS_DT High priority)
- RB identity	3
- CHOICE RLC info type	
- RLC info	
- CHOICE Uplink RLC mode	AMRLC
- Transmission RI C discard	
- SDLL discard mode	Max DAT retransmissions
	4
- Timer_IVIRVV	100
- MaxMRW	4
- Transmission window size	8
- Timer_RST	500
- Max_RST	4
- Polling info	
- Timer poll prohibit	200
- Timer poll	200
- Poll SDU	1
Lost transmission PDU poll	
- Last nationission DDU sell	
- Last retransmission PDU poli	
- Poll_vvindows	99
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	8
- Downlink RLC status info	
- Timer status prohibit	200
- Timer FPC	200

Information Element	Value/remark
- Missing PDU indicator	TRUE
- RB mapping info	
- Ito mapping into	2 DDM:wOntione
- Information for each multiplexing option	2 RBMuxOptions
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of RLC logical channels	1
- Unlink transport channel type	DCH
LIL Transport channel identity	E
- OL mansport channel identity	5
- Logical channel identity	3
- CHOICE RLC size list	Configured
- MAC logical channel priority	3
Downlink PLC logical channel info	·
- Number of RLC logical channels	1
<ul> <li>Downlink transport channel type</li> </ul>	DCH
- DL DCH Transport channel identity	10
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	3
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of RLC logical channels	1
- Unlink transport channel type	RACH
LIL Transport channel identity	Net Dresont
- UL Transport channel identity	Not Present
<ul> <li>Logical channel identity</li> </ul>	3
- CHOICE RLC size list	Explicit List
- RI C size index	Reference to TS34 108 clause 6 Parameter Set
MAC logical shared priority	
- IVIAC logical channel priority	4
<ul> <li>Downlink RLC logical channel info</li> </ul>	
- Number of RLC logical channels	1
- Downlink transport channel type	FACH
DU DOLL Transport channel identity	Not Dresent
- DL DCH Transport channel identity	Not Present
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
- Logical channel identity	3
Signalling RB information to setup	(AM DCCH for NAS_DT Low priority)
- RB Identity	4
- CHOICE RLC info type	
- RLC info	
- CHOICE Unlink RI C mode	AMRIC
- SDU discard mode	Max DAT retransmissions
- MAX_DAT	4
- Timer MRW	100
	1
	4
- Transmission window size	8
- Timer_RST	500
- Max_RST	4
- Polling info	
Timor poll prohibit	200
	200
- limer_poll	200
- Poll_SDU	1
- Last transmission PDU poll	TRUE
- Last retransmission DDLL poll	TRUE
- Poll_vvinaows	99
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	8
Deventing Window Size	0
- DOWNINK RLC Status Info	
- Timer_status_prohibit	200
- Timer_EPC	200
- Missing PDI Lindicator	TRUE
DD monning info	
- KD mapping into	
<ul> <li>Information for each multiplexing option</li> </ul>	2 RBMuxOptions
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of RLC logical channels	1
- I Inlink transport channel type	рсн
- UL Transport channel identity	5
<ul> <li>Logical channel identity</li> </ul>	4
- CHOICE RLC size list	Configured
- MAC logical channel priority	1
	7
- DOWNLINK RLC logical channel info	

Information Element	Value/remark
- Number of RLC logical channels	1
- Downlink transport channel type	ЛСН
- DL DCH Transport channel identity	10
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
- Logical channel identity	4
- RLC logical channel manning indicator	Not Present
- Newsham of DLO la sized abase als	
- Number of RLC logical channels	
<ul> <li>Uplink transport channel type</li> </ul>	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	1
- CHOICE RLC size list	Explicit List
- RLC size index	Reference to TS34.108 clause 6 Parameter Set
- MAC logical channel priority	5
Downlink PLC logical channel info	
- Number of RLC logical channels	
<ul> <li>Downlink transport channel type</li> </ul>	FACH
- DL DCH Transport channel identity	Not Present
DL DSCH Transport channel identity	Not Procent
- Logical channel identity	4
UL Transport channel information for all transport	
channels	
- PRACH TECS	Not Present
- IFC subset	Not Present
- UL DCH TFCS	
- CHOICE TFCI signalling	Normal
TECL Field 1 information	
- CHOICE TFCS representation	Addition
<ul> <li>TFCS complete reconfigure</li> </ul>	
- CHOICE CTFC Size	2bit CTFC
- CTEC information	This IF is repeated for TEC numbers and reference to
0750	1534.106 clause 6.10
- CTFC	Reference to 1534.108 clause 6.10 Parameter Set
<ul> <li>Power offset information</li> </ul>	
- CHOICE Gain Factors	Computed Gain Factors(The last TFC is set to Computed
	Gain Factors)
Cain factor Da	(14 (helew C4 khee)
- Gain factor isc	11 (Delow 64 KDps)
	9 (higher than 64 kbps)
	(Not Present if the above is set to Computed Gain Factors)
- Gain factor Rd	15
Carriadior isa	(Not Dropont if the above is not to Computed Cain Eastern)
- Reference TFC ID	0
- CHOICE mode	FDD
- Power offset Pp-m	Not Present
Added or Reconfigured LIL TrCH information	
	DOLL
- Uplink transport channel type	
<ul> <li>UL Transport channel identity</li> </ul>	5
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	
	Defense to slave 0.40 Demonster Oct
- KLU SIZE	Reference to clause 6.10 Parameter Set
<ul> <li>Number of TBs and TTI lists</li> </ul>	(This IE is repeated for TFI number)
- Transmission Time Interval	Reference to TS34.108 clause 6.10 Parameter Set
- Number of Transport blocks	Reference to TS34 108 clause 6 10 Parameter Set
- Semi-static Transport Format information	
<ul> <li>Transmission time interval</li> </ul>	Reference to clause 6.10 Parameter Set
- Type of channel coding	Reference to clause 6.10 Parameter Set
- Coding Rate	Reference to clause 6.10 Parameter Set
Data matching attribute	Peteronoo to olougo 6.10 Peremeter Set
- Rate matching attribute	Reference to clause o. TO Parameter Set
- CRC size	Reference to clause 6.10 Parameter Set
DL Transport channel information common for all	
transport channel	
- SCOPCH TEOS	Not Present
- CHOICE DL parameters	Same as UL
Added or Reconfigured DL TrCH information	
	•

Information Element	Value/remark
- Downlink transport channel type	DCH
- DL Transport channel identity	10
- CHOICE DL parameters	Same as UL
- Uplink transport channel type	DCH
- UL TrCH Identity	5
- DCH quality target	
- BLER Quality value	-6.3
- Transparent mode signalling info	Not Present
Frequency info	
- UARFCN uplink(Nu)	Reference to clause 5.1 Test frequencies
- UARFCN downlink(Nd)	Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	33dBm
Uplink DPCH info	
- Uplink DPCH power control info	
- DPCCH power offset	-6dB
- PC Preamble	1 frame
- SRB delay	7 frames
- Power Control Algorithm	Algorithm1
- IPC step size	1dB
- Scrambling code type	
- Scrampling code number	U (U t0 16///215)
- Number of DPDCH	Not Present(1)
- Spreading ractor	Reference to 1534.108 clause 6.10 Parameter Set
- IFCI existence	Reference to 1534.108 clause 6.10 Parameter Set
- Number of FBI bit	Reference to 1534.108 clause 6.10 Parameter Set
- Puncturing Limit Downlink information common for all radio linka	Reference to 1534.106 clause 6.10 Parameter Set
Downlink Information common for all PL	
- Downlink DFCITIIIIO continuition all KL	Initializa
CEN targetSEN frame offect	
- CHOICE mode	
- Downlink DPCH power control information	
- DPC mode	() (single)
- Power offset P Bildt DBDCH	
- DL rate matching restriction information	Not Present
- Spreading factor	Reference to TS34,108 clause 6,10 Parameter Set
- Fixed or Flexible Position	Reference to TS34.108 clause 6.10 Parameter Set
- TFCI existence	Reference to TS34.108 clause 6.10 Parameter Set
- CHOICE SF	Reference to TS34.108 clause 6.10 Parameter Set
- DPCH compressed mode info	Not Present
- TX Diversity mode	None
- SSDT information	Not Present
- Default DPCH Offset Value	0
Downlink information for each radio links list	
- Downlink information for each radio links	
- CHOICE mode	FDD
- Primary CPICH info	
- Primary scrambling code	Reference to clause 6.1 "Default settings (FDD)"
- PDSCH with SHO DCH info	Not Present
- PDSCH code mapping	Not Present
- Downlink DPCH info for each RL	
- Primary CPICH usage for channel estimation	Primary CPICH may be used
- DPCH trame offset	U chips
- Secondary CPICH into	NOT Present
- DL channelisation code	4
- Secondary scrampling code	Deference to elever 6.40 Decementer Ort
- Spreading ractor	Reference to clause 6.10 Parameter Set
- Code number	
- Scrambling code change	
- TPC combination index	U Not Procent
- Closed loop timing adjustment mode	Not Present
- Closed loop unning adjustment mode	Not Present

Contents of RRC CONNECTION SETUP COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the
	value of the same IE transmitted in the downlink RRC
	CONNECTION SETUP message.
START list	Not checked
UE radio access capability	Not checked
UE radio access capability extension	Not checked
UE system specific capability	Not checked

# Contents of SECURITY MODE COMMAND message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	
- Message authentication code	Set to an arbitrarily selected 32-bits integer
- RRC Message Sequence Number	Set to an arbitrarily selected integer between 0 and 15
Security capability	
- Ciphering algorithm capability	
- UEA0	If ciphering is not indicated to be active on IXIT
	statements in TS 34.123-2, set this IE to TRUE.
- UEA1	If ciphering is indicated to be active on IXIT statements in
	TS 34.123-2, set this IE to TRUE.
- Spare	FALSE
<ul> <li>Integrity protection algorithm capability</li> </ul>	000000000000010B (UIA1)
- UIA1	TRUE
- Spare	FALSE
Ciphering mode info	This presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
- Ciphering mode command	Start/restart
- Ciphering algorithm	Use the same ciphering algorithm specified in "ciphering
	algorithm capability" IE in this message.
- Ciphering activation time for DPCH	Not Present
- Radio bearer downlink ciphering activation time	
Info De die lagenen getigetien tiere	
- Radio bearer activation time	
- RB identity	1 Oursent DLO ONLO
- RLC sequence number	Current RLC SN+2
- RD Identity	Current BLC SNL2
- RLC Sequence number	
- RI C sequence number	Current RI C SN + 2
- RB identity	
- RLC sequence number	Current RI C SN + 2
Integrity protection mode info	The presence of this IE is dependent on IXIT statements
	in TS 34 123-32. If integrity protection is indicated to be
	active, this IF is present with the values of the sub IFs as
	stated below. Else, this IE and the sub-IEs are omitted.
- Integrity protection mode command	Start
- Downlink integrity protection activation info	Not Present
- Integrity protection algorithm	UIA1
- Integrity protection initialisation number	SS selects an arbitrary 32 bits number for FRESH
CN domain identity	Supported domain
UE system specific security capability	Not Checked

Contents of SECURITY MODE COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the
	value of the same IE transmitted in the downlink
	SECURITY MODE COMMAND message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in 1S 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IES as stated below. Else, this IE and the sub-IES shall be
Magazara authentiantian anda	absent. This IE is shocked to see if it is present. The value is
- Message authentication code	compared against the XMAC Lyalue computed by SS
- RRC Message sequence number	This IF is checked to see if it is present. The value is used
	by SS to compute the XMAC-I value
Uplink integrity protection activation info	Not checked.
Radio bearer uplink ciphering activation time info	If ciphering is not activated in SECURITY MODE
	COMMAND message, this IE must be absent. Else, SS
	checks this IE for the presence of activation times for all
	ciphered uplink RLC-UM and RLC-AM RBs.

#### Contents of UPLINK DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements in TS 34.123-2. If integrity protection is indicated to be active, this IE shall be present with the values of the sub IEs as stated below. Else, this IE and the sub-IEs shall be absent.
- Message authentication code	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS.
- RRC Message sequence number	This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.
CN domain identity	Checked to see if set to supported CN domain as specified in the IXIT statements
NAS message	Set according to that indicated in specific message content clause
Measured results on RACH	Not checked

# 9.1.2 Default Message Contents for Signalling (TDD)

#### Contents of DOWNLINK DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	<u>0</u>
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
CN domain identity	CS domain or PS domain
NAS message	See Specific Message Content for each test case

# Contents of INITIAL DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is used
	by SS to compute the XMAC-I value.
CN domain identity	CS domain or PS domain
Intra Domain NAS Node Selector	Set to the same octet string as in the IMSI stored in the
	USIM card
NAS message	Set according to that indicated in specific message
	content for each test case
Measured results on RACH	Not checked

### Contents of PAGING TYPE 1 message: TM (Speech in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	<u>CN identity</u>
- Paging cause	Terminating Conversational Call
- CN domain identity	<u>CS domain</u>
- CHOICE UE identity	
- IMSI (GSM-MAP)	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

#### Contents of PAGING TYPE 1 message: TM (The others of speech in CS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	<u>CN identity</u>
- Paging cause	Terminating Streaming Call
<ul> <li>- CN domain identity</li> </ul>	<u>CS domain</u>
- CHOICE UE identity	
<u>– IMSI (GSM-MAP)</u>	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

#### Contents of PAGING TYPE 1 message: TM (Packet in PS)

Information Element	Value/remark
Message Type	
Paging record list	
- Paging record	
<ul> <li>CHOICE Used paging identity</li> </ul>	<u>CN identity</u>
- Paging cause	Terminating Interactive Call
<ul> <li>- CN domain identity</li> </ul>	PS domain
- CHOICE UE identity	
<u>– IMSI (GSM-MAP)</u>	Set to the same octet string as in the IMSI stored in the
	USIM card
BCCH modification info	Not Present

Contents of RADIO	<b>BEARER SETUP</b>	message: AM	or UM (Speech	in CS)	(3.84 Mcps <sup>-</sup>	TDD option)
				,	· · · · · · · · · · · · · · · · · · ·	

Information Element	Value/remark
Message Type	
RRC transaction identifier	0
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
- RRC message sequence number	SS provides the value of this IE, from its internal counter.
Ciphering mode info	The presence of this IE is dependent on IXIT statements
	in TS 34 123-2. If ciphering is indicated to be active, this
	IF present with the values of the sub IFs as stated below
	Else, this IE is omitted.
- Ciphering mode command	Start/restart
- Ciphering algorithm	Use one of the supported ciphering algorithms
<ul> <li>Ciphering activation time for DPCH</li> </ul>	(256+CFN-(CFN MOD 8 + 8))MOD 256
<ul> <li>Radio bearer downlink ciphering activation time</li> </ul>	Not Present
info	
Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
New O-RNTI	Not Present
	Not Present
RRC State indicator	CELL DCH
UTRAN DRX cycle length coefficient	Not Present
CN information info	Not Present
URA identity	Not Present
Signalling RB information to setup list	Not Present
RAB information for setup list	
- RAB information for setup	
<u> </u>	0000 0004B
- RAB identity	0000 0001B
- CN domain identity	<u>CS domain</u> Not Present
- Re-establishment timer	Not Flesenic UseT314
- RB information to setup	
- RB identity	10
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	<u>TM RLC</u>
- Transmission RLC discard	Not Present
- Segmentation indication	FALSE
- CHOICE DOWNINK RLC mode	
- Segmentation Indication	FALSE
- Information for each multiplexing option	
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Uplink transport channel type	DCH
<ul> <li>UL Transport channel identity</li> </ul>	<u>1</u>
<u>Logical channel identity</u>	Not Present
- CHOICE RLC size list	Configured
- MAC logical channel priority	1
- Downlink RLC logical channels	1
- Downlink transport channel type	рсн
- DL DCH Transport channel identity	6
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
- RB identity	<u>11</u>
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	IM RLU Net Present
- I ransmission KLU discard	INOT Present
- Segmentation indication	TALSE

Information Element	Value/remark
- CHOICE Downlink RI C mode	TM RI C
- Segmentation indication	FALSE
PR manping info	
Information for each multipleving option	
- Information for each multiplexing option	Not Descent
- RLC logical channel mapping indicator	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	1
<ul> <li>Uplink transport channel type</li> </ul>	DCH
<ul> <li>UL Transport channel identity</li> </ul>	2
- Logical channel identity	Not Present
- CHOICE RLC size list	Configured
- MAC logical channel priority	1
Downlink PLC logical channel info	±
Number of downlink PLC logical channels	1
<u>- Downlink transport channel type</u>	
- DL DCH Transport channel identity	$\frac{l}{l}$
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	Not Present
- RB identity	12
- PDCP info	Not Present
- CHOICE BLC info type	RLC info
- CHOICE Unlink RLC mode	TM BLC
	Not Present
- Transmission RLC discalu	
- Segmentation Indication	FALSE
- CHOICE Downlink RLC mode	<u>IM RLC</u>
<ul> <li>Segmentation indication</li> </ul>	FALSE
- RB mapping info	
<ul> <li>Information for each multiplexing option</li> </ul>	
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Unlink transport channel type	рсн
LIL Transport channel identity	
	<u>D</u> Not Drocort
	Not Present
- CHOICE RLC size list	Configured
<ul> <li>MAC logical channel priority</li> </ul>	1
<ul> <li>Downlink RLC logical channel info</li> </ul>	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	1
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	8
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
PR information to be affected list	Not Present
ND Information to be anected list	Not Present
Downlink counter synchronisation into	<u>Not Present</u>
UL Transport channel information for all transport	
channels	
<u> </u>	Not Present
- CHOICE mode	TDD
-Individual UL CCTrCH information	
- TFCS ID	(This IE is repeated for TFC number.)
- Allowed Transport Format combination	0 to MaxTFCvalue-1 (MaxTFCValue is refer to
	TS34 108 clause 6 Parameter Set )
- PRACH TECS	(This IE is repeated for TEC number.)
	Normal
	inomai
- IFCI Field Tinformation	
- IFCS complete reconfigure information	
- CHOICE TFCS Size	Number of used bits must be enough to cover
	all combinations of CTFC from clauses 6.
	Refer to TS34.108 clause 6 Parameter Set
- CTFC information	Not Present
- CHOICE mode	TDD
- Individual UL CCTrCH information	Not Present
Deleted TrCH information list	Not Present
Added or Deconfigured TrOLI information list	
- Added or Reconfigured UL TrCH Information	2011
<ul> <li>Uplink transport channel type</li> </ul>	DCH
<ul> <li>UL Transport channel identity</li> </ul>	<u>1</u>
<u>- TFS</u>	
- CHOICE Transport channel type	Dedicated transport channels

Information Element	Value/remark
- Dynamic Transport format information	
- RLC Size	Reference to TS34.108 clause 6.10 Parameter Set
- Number of TBs and TTLL ist	(This IF is repeated for TEL number.)
- Transmission Time Interval	Not Present
Number of Transport blocks	Deference to TC24 109 eleves 6 10 Decemeter Set
	Reference to 1534.108 clause 6.10 Parameter Set
- CHOICE Logical Channel list	All
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	Reference to TS34.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34 108 clause 6 10 Parameter Set
- Rate matching attribute	Reference to TS3/ 108 clause 6 10 Parameter Set
	Deference to TC34.100 clause 6.10 Decemeter Set
- CRC SIZE	Reference to 1534.106 clause 6.10 Parameter Set
- Uplink transport channel type	DCH
- UL Transport channel identity	2
<u>- TFS</u>	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	
- RLC Size	Reference to TS34 108 clause 6 10 Parameter Set
Number of TRe and TTL List	(This IE is reported for TEL number.)
- Transmission Time Interval	Not Present
<ul> <li>Number of Transport blocks</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- Transmission Time Interval	Reference to TS34.108 clause 6.10 Parameter Set
- Number of Transport blocks	(This IE is repeated for TFI number.)
- CHOICE Logical Channel list	All
- Semi-static Transport Format information	<u></u>
Transmission time interval	Poteronas to TS24 109 clause 6 10 Decemptor Set
	Reference to 1534.100 clause 0.10 Parameter Set
- Type of channel coding	Reference to 1S34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Rate matching attribute</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- CRC size	Reference to TS34.108 clause 6.10 Parameter Set
- Uplink transport channel type	DCH
- III Transport channel identity	3
	2
- CHOICE Transport channel type	Dedicated transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	Reference to TS34.108 clause 6.10 Parameter Set
- Number of TBs and TTI List	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to TS3/ 108 clause 6 10 Parameter Set
Transmission Time Interval	Peterence to TS24 108 clause 6 10 Parameter Set
	(This IF is non-actual fam TEL number)
- Number of Transport blocks	(This IE is repeated for TFT number.)
- CHOICE Logical Channel list	All
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	Reference to TS34.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to TS34,108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34 108 clause 6 10 Parameter Set
- Rate matching attribute	Reference to TS34 108 clause 6.10 Parameter Set
	Reference to TS3/ 100 clause 6.10 Peremeter Set
	TDD (no data)
	<u>עטו</u> (חס מומ)
DL Transport channel information common for all	
transport channel	
- SCCPCH TFCS	Not Present
- CHOICE mode	TDD
- CHOICE DL parameters	Same as III
Deleted TrCH information list	Not Present
Added an Depending on the formetion list	<u>NOL Present</u>
Added or Reconfigured TrCH information list	<u>3 DCHs</u>
Added or Reconfigured DL TrCH information	
<ul> <li>Downlink transport channel type</li> </ul>	DCH
- DL Transport channel identity	6
- CHOICE DL parameters	Same as UI
- Unlink transport channel type	DCH
	<u>1</u>
- DCH quality target	
- BLER Quality value	<u>-6.3</u>
- Transparent mode signalling info	Not Present
- Downlink transport channel type	DCH
- DL Transport channel identity	7
	<u> </u>

Information Element	Value/remark
- CHOICE DL parameters	Same as UL
- Uplink transport channel type	DCH
- UL TrCH identity	$\overline{2}$
- DCH quality target	-
- BLER Quality value	Not Present
- Transparent mode signalling info	Not Present
- Downlink transport channel type	DCH
- DL Transport channel identity	8
- CHOICE DL parameters	Same as UI
- Uplink transport channel type	DCH
- UIL TrCH identity	3
- DCH quality target	
- BLER Quality value	Not Present
- Transparent mode signalling info	Not Present
Frequency info	
- LIARECN Nt)	Reference to clause 5.1 Test frequencies
Maximum allowed LIL TX power	30dBm
	Liplink DPCH info
	TDD
- CHOICE mode	
<u>UL Target SIR</u>	Reference to TS34.108 Parameter set.
- CHOICE UL OL PC info	Individually signalled
- CHOICE TDD option	<u>3.84 Mcps</u>
- Individual timeslot interference	
info	
- DPCH Constant Value	
- CHOICE mode	חסד
Liplink Timing Advance Control	Not Procent
	<u>INOU PIESEIII</u>
	<u> </u>
<u> </u>	
- Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
- Duration	infinite
<u> </u>	
- 2 <sup>nd</sup> interleaving mode	Reference to TS34.108 clause 6 Parameter
	<u>Set.</u>
- TFCI coding	Reference to TS34.108 clause 6 Parameter
	set.
- Puncturing Limit	Reference to TS34.108 clause 6 Parameter set.
- Repetition Period	Reference to TS34.108 clause 6 Parameter
	set
- Repetition Length	Reference to TS34 108 clause 6 Parameter
	sot
- Unlink DPCH timeslots and code	<u> </u>
- First individual timeslot info	
	The number of an unlink timeslet that has
TEOLA	unassigned codes.
- TFCI existence	TRUE
<ul> <li>Midamble shift and burst type</li> </ul>	
- CHOICE TDD option	<u>3.84 Mcps</u>
- Midamble allocation mode	Default
- Midamble configuration burst type	16
1 and 3	
- CHOICE TDD option	3.84 Mcps TDD (no data)
- First timeslot channelisation codes	Repeated (1.2) for each channelisation code assigned in
	the slot to meet the needs of TS34 108 clause 6
	Parameter Set
- Channelisation code	(i/SE) where i denotes an unassigned code
	<u>motoping the SE enceitied in TS24.400 eleven</u>
	C Decementer Set
	<u>6 Parameter Set.</u>
- CHOICE more timeslots	I ne presence of this IE depends upon the number of
	resources specified in 1534.108 section 6 and the

Information Element	Value/remark
	number of slots in which they are being assigned.
Downlink information common for all radio links	
- Downlink DPCH info common for all RI	
- Timing indicator	Maintain
CEN targetSEN from effect	Not Present
	<u>INOL FIESEIIL</u>
- Downlink DPCH power control	
information	
- CHOICE mode	TDD
- TPC step size	1 dB
- CHOICE mode	
- CHOICE TDD option	3.84 Mcps (no data)
Default DPCH offect value	
<u>Deurslink information for each radia link</u>	
- Downink momation for each radio link	TDD
- Choice mode	
- Primary CCPCH Into	
- CHOICE I DD option	<u>3.84 Mcps</u>
- CHOICE SyncCase	Sync Case 1
<u> </u>	PCCPCH timeslot
- Cell parameters ID	<u>0</u>
- SCTD indicator	
<ul> <li>Downlink DPCH info for each RL</li> </ul>	
- CHOICE mode	TDD
- DL CCTrCH List	
- TFCS ID	<u>1</u>
- Time info	
- Activation time	(256+CFN-(CFN mod 8 + 8))mod 256
- Duration	infinite
- Common timeslot info	
- 2nd interleaving mode	Reference to TS34.108
- TFCI coding	TRUE
- Puncturing limit	Reference to TS34 108 clause 6 Parameter set
- Repetition period	1
- Repetition length	Émpty
- Downlink DPCH timeslots and codes	
- Individual timeslot info	
- Timeslot number	The number of a downlink timeslot that has
	unassigned codes
TECLovistopco	
<u> </u>	
	2.84 Mana
	<u>5.64 Mcps</u>
<u> </u>	Default
- Midamble configuration burst	As defined in 3GPP 1S 25.221
type 1 and 3	
- First timeslot channelisation codes	
- First channelisation code	(I/SF) where i is the lowest numbered code
	that is being assigned and SF is specified in
	TS34.108 clause 6 Parameter Set.
- Last channelisation code	(I/SF) where j is the highest numbered code
	that is being assigned in the slot.
Bitmap	Bitmap of the codes that are being assigned in
	the slot.
- CHOICE more timeslots	The presence of this IE depends upon whether
	the requirements of TS34.108 clause 6
	Parameter Set could be met by the codes that
	have been assigned in the first timeslot
- UL CCTrCH TPC List	Not Present
-SCCPCH information for FACH	Not Present

Contents of RADIO BEA	RER SETUP message:	AM or UM (Speech in	CS)	(1.28 Mcps TD	D option)
			,		

Information Element	Value/remark
Message Type	
RRC transaction identifier	0
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	<u>writes to this IE.</u>
- RRC message sequence number	SS provides the value of this IE, from its internal counter.
Ciphering mode info	The presence of this IE is dependent on IXIT statements
	in TS 34 123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
- Ciphering mode command	<u>Start/restart</u>
- Ciphering algorithm	Use one of the supported ciphering algorithms
<ul> <li>Ciphering activation time for DPCH</li> </ul>	(256+CFN-(CFN MOD 8 + 8))MOD 256
<ul> <li>Radio bearer downlink ciphering activation time</li> </ul>	Not Present
info	
Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
New C PNTI	Not Present
	Not Present
RRC State indicator	CELL DCH
UTRAN DRX cycle length coefficient	Not Present
CN information info	Not Present
URA identity	Not Present
Signalling RB information to setup list	Not Present
RAB information for setup list	
- RAB information for setup	
- RAB info	0000 0004B
- RAB identity	
- CN domain identity	<u>US domain</u> Not Present
- Re-establishment timer	LiseT314
- RB information to setup	
- RB identity	10
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	TMRLC
- Transmission RLC discard	Not Present
- Segmentation Indication	FALSE
- Segmentation indication	
- RB mapping info	
- Information for each multiplexing option	
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
<ul> <li>Uplink transport channel type</li> </ul>	DCH
<u>UL Transport channel identity</u>	$\frac{1}{2}$
- Logical channel identity	Not Present
- CHOICE RLC SIZE IIST	
- MAC logical channel phonty	<u> </u>
- Number of downlink RLC logical channels	1
Downlink transport channel type	рсн
- DL DCH Transport channel identity	6
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
- RB identity	<u>11</u>
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RLC mode	IM RLC
- Iransmission RLC discard	Not Present
- Segmentation Indication	TALOE

Information Element	Value/remark
- CHOICE Downlink RLC mode	TM RLC
- Segmentation indication	FALSE
- RB mapping info	
Information for each multiploving option	
PLC logical channel manping indicator	Not Present
- REC logical charmer mapping indicator	<u>INOL PIESEIL</u>
- Number of uplink RLC logical channels	$\frac{1}{2}$
- Uplink transport channel type	
- UL Transport channel identity	2
<ul> <li>Logical channel identity</li> </ul>	Not Present
- CHOICE RLC size list	Configured
<ul> <li>MAC logical channel priority</li> </ul>	1
- Downlink RLC logical channel info	
- Number of downlink RLC logical channels	1
- Downlink transport channel type	БСН
- DL DCH Transport channel identity	7
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
- RB identity	12
- PDCP info	Not Present
	PLC info
- CHOICE Uplink RLC mode	
- Transmission RLC discard	Not Present
- Segmentation indication	FALSE
- CHOICE Downlink RLC mode	<u>IM RLC</u>
- Segmentation indication	FALSE
<u>- RB mapping info</u>	
<ul> <li>Information for each multiplexing option</li> </ul>	
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of uplink RLC logical channels</li> </ul>	<u>1</u>
- Uplink transport channel type	DCH
- UL Transport channel identity	3
- Logical channel identity	Not Present
- CHOICE RLC size list	Configured
- MAC logical channel priority	1
- Downlink RI C logical channel info	
- Number of downlink RI C logical channels	1
- Downlink transport channel type	рсн
- DL DCH Transport channel identity	
DL DSCH Transport channel identity	Not Present
	Not Present
	Not Present
<u>ND Information to be affected list</u>	Not Present
Downlink counter synchronisation into	Not Present
<u>channels</u>	
- PRACH TECS	Not Present
- CHOICE mode	
-Individual UL CC IrCH information	
- TFCS ID	(This IE is repeated for TFC number.)
<ul> <li>Allowed Transport Format combination</li> </ul>	<u>0 to MaxTFCvalue-1 (MaxTFCValue is refer to</u>
	TS34.108 clause 6 Parameter Set.)
- PRACH TFCS	(This IE is repeated for TFC number.)
- CHOICE TFCI signalling	Normal
- TFCI Field 1 information	
- TFCS complete reconfigure information	
- CHOICE TFCS Size	Number of used bits must be enough to cover
	all combinations of CTFC from clauses 6.
	Refer to TS34.108 clause 6 Parameter Set
- CTFC information	Not Present
- CHOICE mode	TDD
- Individual UL CCTrCH information	Not Present
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	3 DCHs
- Added or Reconfigured LIL TrCH information	
- Unlink transport channel type	рен
LIL Transport channel identity	
	<del>-</del>
	Dedicated transport channels
- UHUICE Transport channel type	Dedicated transport channels

Information Element	Value/remark
- Dynamic Transport format information	
- RLC Size	Reference to TS34 108 clause 6 Parameter Set
Number of TPs and TTL List	(This IE is reported for TEL number.)
- Transmission Time Interval	Not Present
<ul> <li>Number of Transport blocks</li> </ul>	Reference to TS34.108 clause 6 Parameter Set
- CHOICE Logical Channel list	All
- Semi-static Transport Format information	—
- Transmission time interval	Peterence to TS3/ 108 clause 6 Parameter Set
	Deference to TC24.100 clause 01 alameter Set
- Type of channel coding	Reference to 1534.108 clause 6 Parameter Set
- Coding Rate	Reference to TS34.108 clause 6 Parameter Set
<ul> <li><u>- Rate matching attribute</u></li> </ul>	Reference to TS34.108 clause 6 Parameter Set
- CRC size	Reference to TS34.108 clause 6 Parameter Set
- Uplink transport channel type	DCH
- III Transport channel identity	2
	£
- CHOICE Transport channel type	Dedicated transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	Reference to TS34.108 clause 6 Parameter Set
- Number of TBs and TTI List	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to TS3/ 109 clause & Decemptor Set
	Deference to TO34.100 Clause 0 Parallillelet Set
- I ransmission Time Interval	Keierence to 1534.108 clause 6 Parameter Set
- Number of Transport blocks	(This IE is repeated for TFI number.)
- CHOICE Logical Channel list	All
- Semi-static Transport Format information	
- Transmission time interval	Reference to TS34.108 clause 6 Parameter Set
- Type of channel coding	Reference to TS34 108 clause 6 Parameter Set
- Coding Rate	Reference to TS3/ 108 clause 6 Parameter Set
Pate matching attribute	Peterence to TS24 108 clause 6 Parameter Set
	Deference to TC24.100 clause 0 Talameter Set
<u> </u>	Reference to 1534.108 clause 6 Parameter Set
- Uplink transport channel type	DCH
- UL Transport channel identity	<u>3</u>
<u>- TFS</u>	
<ul> <li><u>- CHOICE Transport channel type</u></li> </ul>	Dedicated transport channels
<ul> <li>Dynamic Transport format information</li> </ul>	
- RLC Size	Reference to TS34.108 clause 6 Parameter Set
- Number of TBs and TTLL ist	(This IF is repeated for TEL number.)
- Transmission Time Interval	Not Present
Number of Transport blocks	Poteroneo to TS24 108 clauso 6 Parameter Set
	Reference to TO34.100 clause o Parameter Set
- Transmission Time Interval	Reference to 1534.106 clause o Parameter Set
- Number of Transport blocks	(This IE is repeated for TFI number.)
- CHOICE Logical Channel list	All
<ul> <li>Semi-static Transport Format information</li> </ul>	
- Transmission time interval	Reference to TS34.108 clause 6 Parameter Set
- Type of channel coding	Reference to TS34.108 clause 6 Parameter Set
- Coding Rate	Reference to TS34,108 clause 6 Parameter Set
- Rate matching attribute	Reference to TS34 108 clause 6 Parameter Set
	Reference to TS3/ 109 clause 6 Decemeter Set
	TDD (no data)
	<u>(מזגט טוו)</u>
DL transport channel information common for all	
transport channel	
<u>- SCCPCH TFCS</u>	Not Present
- CHOICE mode	TDD
- CHOICE DL parameters	Same as UL
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	3 DCHs
Added or Reconfigured DL TrCH information	
- Downlink transport channel type	DCH
DL Transport channel identity	
- CHOICE DL parameters	Same as UL
<ul> <li>Uplink transport channel type</li> </ul>	DCH
<u>UL TrCH identity</u>	<u>1</u>
- DCH quality target	
- BLER Quality value	-6.3
- Transparent mode signalling info	Not Present
- Downlink transport channel type	DCH
- DL Transport channel identity	7

Information Element	Value/remark
- CHOICE DL parameters	Same as UL
- Uplink transport channel type	DCH
- UL TrCH identity	2
- DCH quality target	
- BLER Quality value	Not Present
Transporent mode signalling info	Not Present
- Transparent mode signalling mo	<u>Not Present</u>
<u>- Downlink transport channel type</u>	
- DL Transport channel identity	
- CHOICE DL parameters	Same as UL
<ul> <li>Uplink transport channel type</li> </ul>	DCH
<u> </u>	<u>3</u>
<ul> <li>DCH quality target</li> </ul>	
<ul> <li>BLER Quality value</li> </ul>	Not Present
<ul> <li>Transparent mode signalling info</li> </ul>	Not Present
Frequency info	
- UARFCN Nt)	Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	30dBm
CHOICE channel requirement	Uplink DPCH info
- Unlink DPCH power control info	
	ססד
<u> </u>	Reference to 1534.108 Parameter set.
- CHOICE UL OL PC info	Individually signalled
- CHOICE TDD option	1.28 Mcps
- TPC step size	1 dB
- Primary CCPCH Tx Power	Not Present
- Uplink Timing Advance Control	Not Present
- UL CCTrCH List	
- TFCS ld	1
- Time info	
- Activation time	(256+CEN-(CEN MOD 8 + 8))MOD 256
- Duration	infinite
<u> </u>	
- 2 <sup>rd</sup> interleaving mode	Reference to 1S34.108 clause 6 Parameter
	<u>Set.</u>
- TFCI coding	Reference to TS34.108 clause 6 Parameter
	set.
- Puncturing Limit	Reference to TS34 108 clause 6 Parameter set
- Repetition Period	Reference to TS34 108 clause 6 Parameter
	sot
Depetition Length	Set. Deference to TC24 400 eleves C Decemeter
- Repetition Length	Reference to 1534.106 clause o Parameter
	<u>set.</u>
<ul> <li>Uplink DPCH timeslots and code</li> </ul>	
<ul> <li>First individual timeslot info</li> </ul>	The number of an uplink timeslot that has
	unassigned codes.
- Timeslot number	
- TECL existence	TRUF
Midamble shift and burst type	
	4.00 Мала
- CHOICE I DD option	1.28 IVICPS
- Midamble allocation mode	Default
<ul> <li>Midamble configuration</li> </ul>	<u>16</u>
- CHOICE TDD option	1.28 Mcps TDD
- Modulation	QPSK
- SS-TPC Symbols	1
- First timeslot channelisation codes	Repeated (1.2) for each channelisation code assigned in
	the slot to meet the needs of TS34 109 slours 6
	Darameter Set
Channelization and	(i/CE) where i denotes an uncesigned and
	(VOF) where i denotes an unassigned code
	matching the SF specified in 1534.108 clause
	<u>6 Parameter Set.</u>
- CHOICE more timeslots	The presence of this IE depends upon the number of
	resources specified in TS34 108 section 6 and the

Information Element	Value/remark
	number of slots in which they are being assigned.
CHOICE Mode	TDD
Downlink information common for all radio links	
- Downlink DPCH info common for all RI	
- Timing indicator	Maintain
	Not Dresent
	<u>Not Present</u>
- Downlink DPCH power control	
information	
- CHOICE mode	TDD
- TPC step size	1 dB
- CHOICE mode	TDD
- CHOICE TDD option	1.28 Mcps
- TSTD indicator	TRUE
- Default DPCH offset value	
Delauli DFCH Oliset value     Downlink information for each radio link	<u>v</u>
- Downlink Information for each radio link	TDD
<u>- Choice mode</u>	
	4.00 Mars
- CHOICE I DD option	<u>1.28 Mcps</u>
- ISID indicator	
- Cell parameters ID	
- Block STTD indicator	FALSE
- Downlink DPCH into for each RL	
<u> </u>	TDD
- DL CCTrCH List	
- TFCS ID	1
<u>- Time info</u>	
- Activation time	<u>(256+CFN-(CFN mod 8 + 8))mod 256</u>
Duration	<u>infinite</u>
- Common timeslot info	
- 2nd interleaving mode	Reference to TS34.108
- TFCI coding	TRUE
- Puncturing limit	Reference to TS34.108 clause 6 Parameter set
- Repetition period	1
- Repetition length	<u>Empty</u>
<ul> <li>Downlink DPCH timeslots and codes</li> </ul>	
- Individual timeslot info	
- Timeslot number	The number of a downlink timeslot that has
	unassigned codes.
- TFCI existence	TRUE
- Midamble shift and burst type	
- CHOICE TDD option	<u>1.28 Mcps</u>
-Midamble Allocation Mode	Default
- Midamble configuration	<u>16</u>
- CHOICE TDD option	<u>1.28 Mcps</u>
- Modulation	<u>QPSK</u>
- SS-TPC Symbols	1
- First timeslot channelisation codes	
- First channelisation code	(i/SF) where i is the lowest numbered code
	that is being assigned and SF is specified in
	TS34.108 clause 6 Parameter Set.
- Last channelisation code	(i/SF) where i is the highest numbered code
	that is being assigned in the slot.
- Bitmap	Bitmap of the codes that are being assigned in
	the slot.
- CHOICE more timeslots	The presence of this IE depends upon whether
	the requirements of TS34.108 clause 6
	Parameter Set could be met by the codes that
	have been assigned in the first timeslot
- UL CCTrCH TPC List	Not Present
-SCCPCH information for FACH	Not Present
	<u>not room</u>

Contents of RADIO BEARER SETUP message: AM or UM (Packet to CELL\_DCH from CELL\_DCH in PS) (3.84 Mcps TDD option)

Information Element	Value/remark
Message Type	
RRC transaction identifier	0
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
- message authentication code	SS calculates the value of MAC-I for this message and
<u>_</u>	writes to this IE.
- RRC message sequence number	SS provides the value of this IE, from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
- Ciphering mode command	Start/restart
- Ciphering algorithm	Use one of the supported ciphering algorithms
- Ciphering activation time for DPCH	(256+CFN-(CFN MOD 8 + 8))MOD 256
- Radio bearer downlink ciphering activation time	Not Present
info	
Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
New U-RNTI	Not Present
New C-RNTI	Not Present
New DSCH-RNTI	Not Present
·	·

Information Element	Value/remark
RRC State indicator	CELL DCH
UTRAN DRX cycle length coefficient	Not Present
CN information info	Not Present
	Not Present
Signalling PB information to setup	Not Present
BAR information for acture	Not resent
RAD Information for Setup	
- RAB INIO	
<u>- RAB identity</u>	<u>0000 0101B</u>
- CN domain identity	PS domain
<ul> <li>- NAS Synchronization Indicator</li> </ul>	Not Present
- Re-establishment timer	<u>UseT314</u>
- RB information to setup	
- RB identity	20
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RI C mode	AMRIC
- Transmission RI C discard	<u>/////////////////////////////////////</u>
- SDLL discard mode	Max DAT retransmissions
	4
	100
	4
- I ransmission window size	8
- Timer_RST	<u>500</u>
<u>- Max_RST</u>	<u>4</u>
<u> </u>	
<u> </u>	<u>200</u>
- Timer_poll	<u>200</u>
- Poll_SDU	1
- Last transmission PDU poll	TRUE
- Last retransmission PDU poll	TRUE
- Poll Windows	99
- Timer, poll, periodic	Not Present
- CHOICE Downlink BLC mode	AMRIC
- In-sequence delivery	TRUE
- Receiving window size	8
- Downlink PLC status info	<u> </u>
Timor status prohibit	200
Timor EPC	200
<u> </u>	
	IRUE Net Dresent
- Timer_STATUS_periodic	<u>Not Present</u>
- RB mapping into	
- Information for each multiplexing option	2 RBMUXOptions
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	
- Uplink transport channel type	DCH
<ul> <li>UL Transport channel identity</li> </ul>	1
<ul> <li>Logical channel identity</li> </ul>	Not Present
- CHOICE RLC size list	Contigured
<ul> <li>MAC logical channel priority</li> </ul>	<u>1</u>
<ul> <li><u>- Downlink RLC logical channel info</u></li> </ul>	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	<u>1</u>
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	6
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Unlink transport channel type	<b>B</b> ACH
- III Transport channel identity	Not Present
- Logical channel identity	7
- CHOICE RI C size list	<u>r</u> Explicit List
	Potoronoo to TS24 109 clouce 6 Decemptor Set
MAC logical channel priority	Reference to 1004.100 Clause o Parameter Set
- IVIAC logical channel priority	<u>v</u>
- Downlink RLC logical channel Info	
- INUMDER OF GOWNLINK RLC logical channels	
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present

Information Element	Value/remark
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	7
RB information to be affected list	Not Present
Downlink counter synchronisation info	Not Present
III Transport channel information for all transport	
channels	
	Not Present
CHOICE mode	
-Individual OL CC I rCH Information	
	(Inis IE is repeated for IFC number.)
- Allowed Transport Format combination	0 to MaxTECvalue-1 (MaxTECValue is refer to
	TS34.108 clause 6 Parameter Set.)
- PRACH TFCS	(This IE is repeated for TFC number.)
- CHOICE TFCI signalling	Normal
- TFCI Field 1 information	
<ul> <li>TFCS complete reconfigure information</li> </ul>	
- CHOICE TFCS Size	Number of used bits must be enough to cover
	all combinations of CTFC from clauses 6.
	Refer to TS34.108 clause 6 Parameter Set
- CTFC information	Not Present
- CHOICE mode	
- Individual UL CCTrCH information	Not Present
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	
- Added or Reconfigured III. TrCH information	
- Unlink transport channel type	DCH
	<u> </u>
CHOICE Transport channel type	Dedicated transport channels
<u>- CHOICE Transport charmet information</u>	Dedicated transport channels
	Deference to TS24.108 eleves 6.10 Decemptor Set
<u>- RLC Size</u>	(This IF is reported for TEL symbols)
	(This is repeated for the humber.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to 1534.108 clause 6.10 Parameter Set
- CHOICE Logical Channel list	
- Semi-static Transport Format Information	
- Transmission time interval	Reference to 1S34.108 clause 6.10 Parameter Set
- Type of channel coding	Reference to 1S34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to 1534.108 clause 6.10 Parameter Set
- Rate matching attribute	Reference to 1534.108 clause 6.10 Parameter Set
- CRC size	Reterence to 1S34.108 clause 6.10 Parameter Set
CHOICE mode	<u>IDD (no data)</u>
DL Transport channel information common for all	
transport channel	
<u>- SCCPCH TFCS</u>	Not Present
- CHOICE mode	<u>טטו</u>
<ul> <li>Individual DL CCTrCH information</li> </ul>	
DL TFCS Identity	
- TFCS Id	1
- Shared Channel Indicator	FALSE
- CHOICE DL parameters	Independent
	(This IE is repeated for TEC number)
- IFCI Field 1 information	
<ul> <li>CHOICE TFCS representation</li> </ul>	Complete
- TFCS complete reconfigure	
information	
- CHOICE CTFC Size	Refer to TS34.108 clause 6.

Information Element	Value/remark
- CTFC information	Refer to TS34.108 clause 6.
Added or Reconfigured TrCH information list	
- Added or Reconfigured DL TrCH information	
- Downlink transport channel type	DCH
- DL Transport channel identity	6
- CHOICE DL parameters	Explicit
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	(This IE is repeated for TFI number)
- RLC Size	Reference to TS34.108 clause 6.10 Parameter Set
- Number of TBs and TTI List	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present
<ul> <li>Number of Transport blocks</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- CHOICE Logical Channel list	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Type of channel coding</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
- Coding Rate	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>Rate matching attribute</li> </ul>	Reference to TS34.108 clause 6.10 Parameter Set
<u> </u>	Reference to TS34.108 clause 6.10 Parameter Set
<ul> <li>DCH quality target</li> </ul>	
- BLER Quality value	<u>-6.3</u>
<ul> <li>Transparent mode signalling info</li> </ul>	Not Present
Frequency info	
<u>-CHOICE mode</u>	TDD
<u> </u>	Reference to clause 5.1 Test frequencies
Maximum allowed UL TX power	<u>30 dBm</u>
CHOICE channel requirement	Uplink DPCH info
<ul> <li>Uplink DPCH power control info</li> </ul>	
<u>- CHOICE mode</u>	<u>TDD</u>
<u>UL Target SIR</u>	Reference to TS34.108 Parameter set.
- CHOICE UL OL PC info	Individually signalled
- CHOICE TDD option	<u>3.84 Mcps</u>
- Individual timeslot interference	
info	
- Individual timeslot interference	
- DPCH Constant Value	Values are used for open loop power control
	section 8 in TS 25 331
- CHOICE mode	
	עטו

Information Element	Value/remark
- Unlink Timing Advance Control	Not Present
- TFCS10	1
<u> </u>	
- Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
- Duration	Infinite
Common timoslot info	
- 2nd Interleaving mode	Reference to 1534.108 clause 6.10 Parameter Set
- TFCI coding	Reference to TS34.108 clause 6.10 Parameter Set
- Puncturing Limit	Reference to TS34.108 clause 6.10 Parameter Set
- Repetition Period	Reference to TS34.108 clause 6.10 Parameter Set
- Repetition Length	Reference to TS34 108 clause 6 10 Parameter Set
- First individual timeslot info	
	The sumplies of an unlink time alot that has
	I ne number of an uplink timeslot that has
	unassigned codes.
- TFCI existence	TRUE
- Midamble shift and burst type	
- CHOICE TDD option	3.84 Mons
- I ype 1	
-Midamble Allocation Mode	<u>Default</u>
- Midamble configuration burst	As defined in 3GPP TS 25.221
type 1 and 3	
First timeslet channelisation codes	Popostod (1.2) for each channelisation code assigned in
	the electroment the peeds of TO24 400 starter 0
	the slot to meet the needs of 1534.108 clause 6
	Parameter Set.
- Channelisation code	(i/SF) where i denotes an unassigned code
	matching the SE specified in TS34,108 clause
	6 Parameter Set
	The presence of this IF depends upon the
- CHOICE more timesiots	The presence of this IE depends upon the
	number of resources specified in TS34.108
	section 6 and the number of slots in which they
	are being assigned.
Downlink information common for all radio links	
- Downlink DPCH info common for all RI	
	Maintain
- Timing Indicator	
<ul> <li>CFN-targetSFN frame offset</li> </ul>	Not Present
<ul> <li>Downlink DPCH power control information</li> </ul>	
- DPC mode	0 (single)
- CHOICE mode	
	2.84 Mana (na data)
	<u>3.64 Micps (no data)</u>
<ul> <li>Default DPCH Offset Value</li> </ul>	Not Present
Downlink information for each radio link list	
- Downlink information for each radio link	
- Choice mode	DD
- Primary CCPCH info	
	Symp Copp 1
	Sync Case I
	PUUPUH TIMESIOT
- Cell parameters ID	<u>0</u>
- SCTD indicator	
- Downlink DPCH info for each RI	
- CHOICE mode	חחד
<u> </u>	
- Activation time	(256+CFN-(CFN mod 8 + 8))mod 256
- Duration	infinite
- Common timeslot info	
- 2nd interleaving mode	Reference to TS3/ 108
- Puncturing limit	Reterence to 1S34.108 clause 6 Parameter set
- Repetition period	<u>1</u>
- Repetition length	Empty
- Downlink DPCH timeslots and codes	
	The survey of a decombel of a state of the
- i imesiot number	The number of a downlink timeslot that has
	unassigned codes.

Information Element	Value/remark
- TFCI existence	TRUE
<ul> <li>Midamble shift and burst type</li> </ul>	
- CHOICE TDD option	3.84 Mcps
-CHOICE Burst Type	
-Type 1	
-Midamble Allocation Mode	<u>Default</u>
- Midamble configuration burst	As defined in 3GPP TS 25.221
type 1 and 3	
<ul> <li>First timeslot channelisation codes</li> </ul>	
- First channelisation code	(i/SF) where i is the lowest numbered code
	that is being assigned and SF is specified in
	<u>1S34.108 clause 6 Parameter Set</u>
- Last channelisation code	(I/SF) where I is the highest numbered code
	that is being assigned in the slot.
<u>Bitmap</u>	Bitmap of the codes that are being assigned in
	<u>the slot.</u>
- CHOICE more timeslots	The presence of this IE depends upon whether
	the requirements of 1534.108 clause 6
	Parameter Set could be met by the codes that
	nave been assigned in the first timeslot
- UL CCTrCH TPC List	Not Present
-SCCPCH information for FACH	Not Present

# Contents of RADIO BEARER SETUP message: AM or UM (Packet to CELL DCH from CELL DCH in PS) (1.28 Mcps TDD option)

Information Element	Value/remark
Message Type	
RRC transaction identifier	
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE is present with the values of the sub IEs as
	stated below. Else, this IE and the sub-IEs are omitted.
<ul> <li>message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
Integrity protection mode info	Not Present
Ciphering mode info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If ciphering is indicated to be active, this
	IE present with the values of the sub IEs as stated below.
	Else, this IE is omitted.
<ul> <li>Ciphering mode command</li> </ul>	Start/restart
<ul> <li>Ciphering algorithm</li> </ul>	Use one of the supported ciphering algorithms
<ul> <li>Ciphering activation time for DPCH</li> </ul>	(256+CFN-(CFN MOD 8 + 8))MOD 256
<ul> <li>Radio bearer downlink ciphering activation time</li> </ul>	Not Present
<u>info</u>	
Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
New U-RNTI	Not Present
New C-RNTI	Not Present
New DSCH-RNTI	Not Present

Information Element	Value/remark
RRC State indicator	CELL DCH
UTRAN DRX cycle length coefficient	Not Present
CN information info	Not Present
	Not Present
Signalling PB information to setup	Not Present
BAR information for acture	Not resent
RAD Information for Setup	
- RAB INIO	
<u>- RAB identity</u>	<u>0000 0101B</u>
- CN domain identity	PS domain
<ul> <li>- NAS Synchronization Indicator</li> </ul>	Not Present
- Re-establishment timer	<u>UseT314</u>
- RB information to setup	
- RB identity	20
- PDCP info	Not Present
- CHOICE RLC info type	RLC info
- CHOICE Uplink RI C mode	AMRIC
- Transmission RI C discard	<u>/////////////////////////////////////</u>
- SDLL discard mode	Max DAT retransmissions
	4
	100
	4
- I ransmission window size	8
- Timer_RST	<u>500</u>
<u>- Max_RST</u>	<u>4</u>
<u> </u>	
<u> </u>	<u>200</u>
- Timer_poll	<u>200</u>
- Poll_SDU	1
- Last transmission PDU poll	TRUE
- Last retransmission PDU poll	TRUE
- Poll Windows	99
- Timer, poll, periodic	Not Present
- CHOICE Downlink BLC mode	AMRIC
- In-sequence delivery	TRUE
- Receiving window size	8
- Downlink PLC status info	<u> </u>
Timor status prohibit	200
Timor EPC	200
<u> </u>	
	IRUE Net Dresent
- Timer_STATUS_periodic	<u>Not Present</u>
- RB mapping into	
- Information for each multiplexing option	2 RBMUXOptions
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	
- Uplink transport channel type	DCH
<ul> <li>UL Transport channel identity</li> </ul>	1
<ul> <li>Logical channel identity</li> </ul>	Not Present
- CHOICE RLC size list	Contigured
<ul> <li>MAC logical channel priority</li> </ul>	<u>1</u>
<ul> <li><u>- Downlink RLC logical channel info</u></li> </ul>	
<ul> <li>Number of downlink RLC logical channels</li> </ul>	<u>1</u>
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	6
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	Not Present
- RLC logical channel mapping indicator	Not Present
- Number of uplink RLC logical channels	1
- Unlink transport channel type	<b>B</b> ACH
- III Transport channel identity	Not Present
- Logical channel identity	7
- CHOICE RI C size list	<u>r</u> Explicit List
	Potoronoo to TS24 109 clouce 6 Decemptor Set
MAC logical channel priority	Reference to 1004.100 Clause o Parameter Set
- IVIAC logical channel priority	<u>v</u>
- Downlink RLC logical channel Info	
- INUMDER OF GOWNLINK RLC logical channels	
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present

Information Element	Value/remark
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	7
RB information to be affected list	Not Present
Downlink counter synchronisation info	Not Present
LIL Transport channel information for all transport	
	Not Dropont
	TDD
-Individual OL CCTrCH Information	
<u> </u>	(This IE is repeated for TFC number.)
<ul> <li>Allowed Transport Format combination</li> </ul>	<u>0 to MaxTFCvalue-1 (MaxTFCValue is refer to</u>
	TS34.108 clause 6 Parameter Set.)
<u> </u>	(This IE is repeated for TFC number.)
- CHOICE TFCI signalling	Normal
- TFCI Field 1 information	
<ul> <li>TFCS complete reconfigure information</li> </ul>	
- CHOICE TFCS Size	Number of used bits must be enough to cover
	all combinations of CTFC from clauses 6.
	Refer to TS34.108 clause 6 Parameter Set
- CTEC information	Not Present
- CHOICE mode	
- Individual III. CCTrCH information	Not Present
Deleted TrCH information list	Not Present
Added or Reconfigured TrCH information list	
Added or Reconfigured III. TrCH information	
- Added of Reconfigured OL TICH Information	DCH
- Oplink transport channel identity	
	1
	Dedicated transmert shown als
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format Information	Deferre et a TOO 4 400 elever O Demension Oct
<u>- RLC Size</u>	(This IF is non-acted for TEL symptons)
- Number of TBS and TTT List	(Inis iE is repeated for IFI number.)
- Transmission Time Interval	Not Present
- Number of Transport blocks	Reference to 1534.108 clause 6 Parameter Set
- CHOICE Logical Channel list	
- Semi-static Transport Format Information	
- Transmission time interval	Reference to 1534.108 clause 6 Parameter Set
<u> </u>	Reference to 1534.108 clause 6 Parameter Set
- Coding Rate	Reference to 1534.108 clause 6 Parameter Set
- Rate matching attribute	Reference to 1534.108 clause 6 Parameter Set
- CRC size	Reterence to 1S34.108 clause 6 Parameter Set
CHOICE mode	<u>IDD (no data)</u>
DL Transport channel information common for all	
transport channel	
<u>- SCCPCH TFCS</u>	Not Present
<u>- CHOICE mode</u>	TDD
<ul> <li>Individual DL CCTrCH information</li> </ul>	
- DL TFCS Identity	
- TFCS Id	1
- Shared Channel Indicator	FALSE
- CHOICE DL parameters	Independent
	(This IE is repeated for TEC number.)
- TFCI Field 1 information	
<ul> <li><u>- CHOICE TFCS representation</u></li> </ul>	Complete
- TFCS complete reconfigure	
information	
- CHOICE CTFC Size	Refer to TS34.108 clause 6.
	· · · · · · · · · · · · · · · · · · ·

Information Element	Value/remark
- CTFC information	Refer to TS34.108 clause 6.
Added or Reconfigured TrCH information list	
- Added or Reconfigured DL TrCH information	
- Downlink transport channel type	DCH
- DL Transport channel identity	6
- CHOICE DL parameters	Explicit
- TFS	
- CHOICE Transport channel type	Dedicated transport channels
- Dynamic Transport format information	(This IE is repeated for TFI number)
- RLC Size	Reference to TS34.108 clause 6 Parameter Set
<ul> <li>Number of TBs and TTI List</li> </ul>	(This IE is repeated for TFI number.)
- Transmission Time Interval	Not Present
<ul> <li>Number of Transport blocks</li> </ul>	Reference to TS34.108 clause 6 Parameter Set
- CHOICE Logical Channel list	ALL
<ul> <li>Semi-static Transport Format information</li> </ul>	
<ul> <li>Transmission time interval</li> </ul>	Reference to TS34.108 clause 6 Parameter Set
<u> </u>	Reference to TS34.108 clause 6 Parameter Set
<u>Coding Rate</u>	Reference to TS34.108 clause 6 Parameter Set
- Rate matching attribute	Reference to IS34.108 clause 6 Parameter Set
<u> </u>	Reference to TS34.108 clause 6 Parameter Set
<u>- DCH quality target</u>	
- BLER Quality Value	-0.3 Not Dresent
- Transparent mode signalling into	Not Present
CHOICE mode	
	Deference to clause 5.1 Test frequencies
Maximum allowed LIL TX power	30 dBm
CHOICE channel requirement	Liplink DPCH info
- Unlink DPCH power control info	
- CHOICE mode	חחד
- UL Target SIR	Reference to TS34,108 Parameter set.
- CHOICE UL OL PC info	Individually signaled
- CHOICE TDD option	1.28 Mcps
- TPC step size	1 dB
- Primary CCPCH Tx Power	Not Present
- CHOICE mode	
- Uplink Timing Advance Control	Not Present
- UL CCTrCH List	Not resent
- TECS Id	1
- Time info	÷
- Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
- Duration	Infinite
- Common timeslot info	
- 2nd interleaving mode	Reference to TS34.108 clause 6 Parameter Set
- TFCI coding	Reference to TS34.108 clause 6 Parameter Set
- Puncturing Limit	Reference to TS34.108 clause 6 Parameter Set
- Repetition Period	Reference to TS34.108 clause 6 Parameter Set
- Repetition Length	Reference to TS34.108 clause 6 Parameter Set
<ul> <li>First individual timeslot info</li> </ul>	
- Timeslot number	The number of an uplink timeslot that has
TEOL	unassigned codes.
- IFCI existence	
- Midamble shift and burst type	4.00.14
- CHOICE IDD option	1.28 Mcps
- Midamble allocation mode	Detault
<ul> <li>Midamble configuration</li> </ul>	<u>16</u>
- CHOICE TDD option	1.28 Mcps TDD
- Modulation	<u>QPSK</u>

Information Element	Value/remark
- SS-TPC Symbols	1
- First timeslot channelisation codes	Repeated (1.2) for each channelisation code assigned in
	the slot to meet the needs of TS34 108 clause 6
	Decementar Oct
	Parameter Set.
<ul> <li>Channelisation code</li> </ul>	(I/SF) where I denotes an unassigned code
	matching the SF specified in TS34.108 clause
	6 Parameter Set.
- CHOICE more timeslots	The presence of this IF depends upon the
	number of recourses epocified in TS24.109
	number of resources specified in 1334.106
	section 6 and the number of slots in which they
	are being assigned.
Downlink information common for all radio links	
- Downlink DPCH info common for all RL	
- Timing indicator	Maintain
CEN torgetSEN frame offect	Not Procent
	NOL FIESEIIL
- Downlink DPCH power control information	
<u> </u>	<u>0 (single)</u>
- CHOICE mode	TDD
- TPC step size	1 dB
- CHOICE mode	
- CHOICE IDD option	<u>1.28 Mcps</u>
- TSTD indicator	TRUE
- Default DPCH Offset Value	Not Present
Downlink information for each radio link list	
- Downlink information for each radio link	
Choice mode	
- Primary CCPCH Inio	
- CHOICE mode	TDD
- CHOICE TDD option	<u>1.28 Mcps</u>
- TSTD indicator	TRUE
Cell parameters ID	
	FALSE
- Downlink DPCH into for each RL	
- CHOICE mode	IDD
- DL CCTrCH List	
- TFCS ID	1
- Time info	
- Activation time	$(256+CEN-(CEN \mod 8 + 8)) \mod 256$
- Duration	infinite
- Common timeslot info	
	Deference to TC24 400
- TFCI coding	IRUE
- Puncturing limit	Reference to TS34.108 clause 6 Parameter set
- Repetition period	<u>1</u>
- Repetition length	Empty
- Downlink DPCH timeslots and codes	
- Individual timeslot info	
- Timeslot number	The number of a downlink timeslot that has
- Midamble shift and burst type	
-CHOICE TDD option	<u>1.28 Mcps</u>
-Midamble Allocation Mode	Default
- Midamble configuration	16
CHOICE TDD option	1.28 Mons TDD
- MODILIATION	LUPAN

Information Element	Value/remark
- SS-TPC Symbols	1
<ul> <li>First timeslot channelisation codes</li> </ul>	
<ul> <li>First channelisation code</li> </ul>	(i/SF) where i is the lowest numbered code
	that is being assigned and SF is specified in
	TS34.108 clause 6 Parameter Set
<ul> <li>Last channelisation code</li> </ul>	(j/SF) where j is the highest numbered code
	that is being assigned in the slot.
- Bitmap	Bitmap of the codes that are being assigned in
	the slot.
- CHOICE more timeslots	The presence of this IE depends upon whether
	the requirements of TS34.108 clause 6
	Parameter Set could be met by the codes that
	have been assigned in the first timeslot
- UL CCTrCH TPC List	Not Present
-SCCPCH information for FACH	Not Present

#### Contents of RADIO BEARER SETUP COMPLETE message: AM

Message Type	
RRC transaction identifier	Checked to see if the value is identical to the same IE in
	the downlink RADIO BEARER SETUP message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent
- Message authentication code	This IF is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS
PPC Maaaaga aaguanaa numbar	This IE is shocked to see if it is present. The value is used
	This is checked to see in it is present. The value is used
the line is the multi-second and in the second section of the second sector.	by 55 to compute the XIVIAC-I value.
Uplink integrity protection activation info	Not checked.
CHOICE mode	
START	Not checked
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM and
	(b) UE is transiting to CELL_DCH state after the RB
	establishment procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	If ciphering is not activated in RADIO BEARER SETUP
	message, this IE must be absent. Else, SS checks this IE
	for the presence of activation times of all ciphered uplink
	RLC-UM and RLC-AM RBs.
Unlink counter synchronisation info	Not checked
# Contents of RADIO BEARER RELEASE COMPLETE message: AM

Message Type	
RRC transaction identifier	Checked to see the value is identical to the same IE in the
	downlink RADIO BEARER RELEASE message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is used
	by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked.
CHOICE mode	TDD
COUNT-C activation time	The presence of this IE depends on the following 2
	factors: (a) There exists RB(s) mapped to RLC-TM and
	(b) UE is transiting to CELL_DCH state after the RB
	release procedure. Else, this IE is absent.
Radio bearer uplink ciphering activation time info	If ciphering is not activated in RADIO BEARER RELEASE
	message, this IE must be absent. Else, SS checks this IE
	for the presence of activation times of all ciphered uplink
	RLC-UM and RLC-AM RBs.
Uplink counter synchronisation info	Not checked

# Contents of RRC CONNECTION REQUEST message: TM

Information Element	Value/remark
Message Type	
Initial UE identity	
- CHOICE UE id type	
- IMSI (GSM-MAP)	Set to the UE's IMSI (GSM-MAP) or TMSI.
Establishment cause	To be checked against requirement if specified
Protocol error indicator	FALSE
Measured results on RACH	Not checked

#### Contents of RRC CONNECTION RELEASE message: UM

Information Element	Value/remark
Message Type	
<u>U-RNTI</u>	This IE is set to the following value when the message is
	transmitted on the CCCH. When transmitted on DCCH,
	this is absent.
- SRNC identity	<u>0000 0000 0001B</u>
<u> </u>	<u>0000 0000 0000 0000 0001B</u>
RRC transaction identifier	<u>0</u>
Integrity check info	The presence of this IE depends on 2 factors:
	(a) IXIT statements in TS 34.123-2: If integrity protection
	is indicated to be active, this IE is present with the
	values of the sub IEs as stated below. Else, this IE and
	the sub-IEs are omitted.
	(b) This IE is present when this message is transmitted on
	downlink DCCH. Else, this IE and the sub-IEs are
	omitted.
<ul> <li>Message authentication code</li> </ul>	SS calculates the value of MAC-I for this message and
	writes to this IE.
<ul> <li>- RRC Message sequence number</li> </ul>	SS provides the value of this IE, from its internal counter.
<u>N308</u>	2 (for CELL_DCH state). Not Present (for UE in other
	connected mode states).
Release cause	Normal event
Rplmn information	Not Present

# Contents of RRC CONNECTION RELEASE COMPLETE message: AM or UM

Information Flowant	Computing description
Information Element	Semantics description
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the
	value of the same IE transmitted in the downlink RRC
	CONNECTION RELEASE message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	Checked to see if it's identical to the value of XMAC-I
	calculated by the SS
<ul> <li>- RRC Message sequence number</li> </ul>	Checked to see if it is present. This number is used by
	the SS to compute the XMAC-I
Error indication	Not checked

# Contents of RRC CONNECTION SETUP message: UM (Transition to CELL\_DCH) (3.84 Mcps TDD option)

Information Element	Value/remark
Message Type	
Initial UE identity	Select the same identity as in the IE "Initial UE Identity" in
	received RRC CONNECTION REQUEST" message
RRC transaction identifier	<u>0</u>
Activation time	Not Present(Now)
New U-RNTI	
<u>- SRNC identity</u>	<u>0000 0000 0001B</u>
<u> </u>	<u>0000 0000 0000 0000 0001B</u>
New C-RNTI	Not Present
RRC State Indicator	CELL_DCH
UTRAN DRX cycle length coefficient	<u>9</u>
Capability update requirement	Not Present
<ul> <li>UE radio access FDD capability</li> </ul>	FALSE
update requirement	
<ul> <li>UE radio access TDD capability</li> </ul>	TRUE
update requirement	
<ul> <li>System specific capability update</li> </ul>	<u>gsm</u>
requirement list	

Information Element	Value/remark
Signalling RB information to setup	(UM DCCH for RRC)
- RB identity	Not Present
- CHOICE RI C info type	
PLC info	
<u>CHOICE Unlink DLC mode</u>	
- CHOICE Uplink RLC mode	
- Transmission RLC discard	Not Present
- CHOICE Downlink RLC mode	UM RLC
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	1
- Unlink transport channel type	БСН
- III Transport channel identity	5
- Logical channel identity	
<u>- OTOICE REC Size list</u> MAC logical observal priority	
- MAC logical charmer phone	<u> </u>
- Downlink RLC logical channel into	
- Number of RLC logical channels	$\frac{1}{2}$
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>	<u>10</u>
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	<u>1</u>
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of RLC logical channels	1
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	1
- CHOICE RLC size list	Explicit List
- RLC size index	According to TS34.108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- MAC logical channel priority	2
- Downlink RLC logical channel info	-
- Number of RLC logical channels	1
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
Signalling PR information to cotup	
DR identity	
	<u>Not Present</u>
- CHOICE RLC Into type	
- RLC Into	
- CHOICE Uplink RLC mode	AMRLC
- Transmission RLC discard	
<ul> <li>SDU discard mode</li> </ul>	No Discard
<u> </u>	<u>415</u>
<ul> <li>Transmission window size</li> </ul>	<u>128</u>
- Timer_RST	500
- Max_RST	4
- Polling info	
- Timer poll prohibit	200
- Timer poll	200
- Poll PDL	Not present

Information Element	Value/remark
- Poll SDU	1
- Last transmission PDU poll	TRUE
- Last retransmission PDU poll	TRUE
- Poll Window	99
- Timer poll periodic	Not Present
- CHOICE Downlink RLC mode	AMRLC
- In-sequence delivery	TRUE
- Receiving window size	128
- Downlink RLC status info	
- Timer status prohibit	200
- Timer EPC	Not Present
- Missing PDU indicator	TRUE
- Timer STATUS periodic	Not Present
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RI C logical channel mapping indicator	Not Present
- Number of RI C logical channels	1
- Uplink transport channel type	рсн
- UL Transport channel identity	5
- Logical channel identity	$\frac{2}{2}$
- CHOICE RI C size list	Configure
- MAC logical channel priority	2
- Downlink RLC logical channel info	=
- Number of RLC logical channels	1
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	10
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	2
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	1
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	2
- CHOICE RLC size list	Explicit List
- RLC size index	According to TS34.108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- MAC logical channel priority	3
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
<ul> <li>Downlink transport channel type</li> </ul>	FACH
<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	2
Signalling RB information to setup	(AM DCCH for NAS_DT High priority)
<u> </u>	Not Present
- CHOICE RLC info type	
<u> </u>	
- CHOICE Uplink RLC mode	AM RLC
<ul> <li>Transmission RLC discard</li> </ul>	
<ul> <li>SDU discard mode</li> </ul>	No Discard
<u> </u>	<u>415</u>
<u> </u>	100
- Iransmission window size	128
- Timer_RST	<u>500</u>
- Max_RST	4
- Polling into	000
- Limer poli prohibit	200
- Poll_PDU	Not present

Information Element	Value/remark
- Poll SDU	1
- Last transmission PDLL poll	
Last retransmission DDU nell	
<u> </u>	<u>99</u>
- limer_poll_periodic	Not Present
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	128
- Downlink RLC status info	120
Timer, statue, prehibit	200
- Timer_EPC	Not Present
- Missing PDU indicator	TRUE
- Timer_STATUS_periodic	Not Present
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel mapping indicator	Not Present
Number of PLC logical channels	1
- Opink transport channel type	
- UL Transport channel identity	<u>5</u>
<ul> <li>Logical channel identity</li> </ul>	3
- CHOICE RLC size list	Configured
- MAC logical channel priority	3
- Downlink RLC logical channel info	-
- Number of RLC logical channels	1
Downlink transport channel type	
DL DOLL Transport channel identify	
<u>- DL DSCH Transport channel identity</u>	Not Present
<ul> <li>Logical channel identity</li> </ul>	<u>3</u>
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of RLC logical channels	1
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	3
	S Evolicit List
<u> </u>	<u>Explicit List</u> According to TS24.109 clouce 6 for standolone 12.6 kbps
- RLC SIZE INDEX	According to 1534.108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- MAC logical channel priority	<u>4</u>
<ul> <li>Downlink RLC logical channel info</li> </ul>	
<ul> <li>Number of RLC logical channels</li> </ul>	1
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
<u>Cignalling DD information to actum</u>	<u>S</u> (AM DOOLI (or NAC, DT Low priority)
Signalling RB information to setup	(AM DOCH for NAS_DT Low priority)
<u>- RB identity</u>	Not Present
<ul> <li>CHOICE RLC info type</li> </ul>	
- RLC info	
- CHOICE Uplink RLC mode	AM RLC
- Transmission RLC discard	
- SDU discard mode	No discard
- MAX DAT	415
	<u>+10</u>
The manufaction of the state of	100
- I ransmission window size	128
- Timer_RST	<u>500</u>
<u> </u>	<u>4</u>
- Polling info	
- Timer poll prohibit	200
- Timer poll	200
	Not present

Information Element	Value/remark
- Poll SDU	1
- Last transmission PDLL poll	TRUE
- Last retransmission PDU poli	IRUE
- Poll_Windows	<u>99</u>
<u> </u>	Not Present
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	128
- Receiving window size	120
- Downlink RLC status info	
<ul> <li>I imer_status_prohibit</li> </ul>	200
- Timer_EPC	Not Present
- Missing PDU indicator	TRUE
- Timer STATUS periodic	Not Present
- RB mapping info	
Information for each multiploving option	2 PPMuvOntiona
- momation for each multiplexing option	
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of RLC logical channels</li> </ul>	<u>  1</u>
- Uplink transport channel type	DCH
- UL Transport channel identity	5
- Logical channel identity	
	Conligured
- MAC logical channel priority	4
<ul> <li>Downlink RLC logical channel info</li> </ul>	
<ul> <li>Number of RLC logical channels</li> </ul>	
<ul> <li>Downlink transport channel type</li> </ul>	DCH
- DL DCH Transport channel identity	10
DL DSCH Transport channel identity	Not Procent
	NOLFIESEIIL
- Logical channel identity	4
- RLC logical channel mapping indicator	Not Present
<ul> <li>Number of RLC logical channels</li> </ul>	1
<ul> <li>Uplink transport channel type</li> </ul>	RACH
<ul> <li>UL Transport channel identity</li> </ul>	Not Present
- Logical channel identity	4
- CHOICE RLC size list	Explicit List
- RLC size index	According to TS34 108 clause 6 for standalone 13 6 kbps
	signalling radio bearer
MAC logical channel priority	5
<u> </u>	2
- Downlink RLC logical channel into	
- Number of RLC logical channels	$\frac{1}{2}$
<ul> <li>Downlink transport channel type</li> </ul>	FACH
<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
- Logical channel identity	4
III Transport channel information for all transport	-
	Not Deserve
<u> </u>	Not Present
<u> </u>	<u>TDD</u>
-Individual UL CCTrCH information	
- UL TFCS ID	(This IE is repeated for TFC number.)
- UL TECS	· · · · · · · · · · · · · · · · · · ·
- TEC subset	Default value is the complete existing set of transport
	tormat combinations
<ul> <li>Allowed Transport Format combination</li> </ul>	0 to MaxTFCvalue-1 (MaxTFCValue is refer to
	TS34.108 clause 6 Parameter Set.)
- PRACH TFCS	(This IE is repeated for TFC number.)
- CHOICE TFCI signalling	Normal
- TECI Field 1 information	
information	
	Number of used bits must be successful to success
- CHOICE TECS Size	inumber of used bits must be enough to cover
	all combinations of CTFC from clauses 6.
	Refer to TS34.108 clause 6 Parameter Set
- CTFC information	Not Present
- CHOICE mode	TDD
- Individual UL CCTrCH information	Not Present
Deleted TrCH information list	Not Present
Added or Reconfigured LIL TrCH information	
stada or recomingator or recrimition autor	

Information Element	Value/remark
- Uplink transport channel type	DCH
- UL Transport channel identity	5
- TES	<u> </u>
CHOICE Transport channel type	Dedicated transport channels
<u>- CHOICE Transport format information</u>	Dedicated transport channels
	According to TC24.400 clause C for standalane 42 C libra
- RLU SIZE	According to 1534.108 clause 6 for standalone 13.6 kops
	signalling radio bearer
<ul> <li>Number of TBs and TTI lists</li> </ul>	(This IE is repeated for TFI number)
- CHOICE mode	<u>TDD</u>
- Transmission Time Interval	According to TS34.108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- CHOICE Logical channel list	All
- Semi-static Transport Format information	_
DL Transport channel information common for all	
transport channel	
	Not Present
- CHOICE mode	
<u> </u>	
<u> </u>	1
<ul> <li>Shared Channel Indicator</li> </ul>	
- CHOICE DL parameters	Same as UL
Added or Reconfigured TrCH information list	
- Added or Reconfigured DL TrCH information	
- Downlink transport channel type	DCH
- DL Transport channel identity	10
- CHOICE DL parameters	Same as UI
- Unlink transport channel type	DCH
- UIL Transport channel identity	5
	2
	6.2
- BLER Quality target	<u>-0.3</u>
Frequency into	Not Present
Maximum allowed UL TX power	Not Present
HOICE channel requirement	Uplink DPCH info
<ul> <li>Uplink DPCH power control info</li> </ul>	
- CHOICE mode	TDD
- CHOICE TDD option	<u>3.84 Mcps</u>
- UL target SIR	Reference to TS34.108 Parameter set
- CHOICE mode	TDD
- CHOICE UL OL PC info	Individually signalled
- CHOICE TDD option	3.84 Mcps
- Individual timeslot interference info	Not Present
- Individual timeslot interference	
- DPCH Constant Value	
	Net Present
	Not Present
- Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256
- Duration	Intinite
- Common timeslot into	
- 2nd interleaving mode	Reference to TS34.108 clause 6.10 Parameter Set
- TFCI coding	Reference to TS34.108 clause 6.10 Parameter Set
- Puncturing Limit	Reference to TS34.108 clause 6.10 Parameter Set
- Repetition Period	Reference to TS34.108 clause 6.10 Parameter Set
- Repetition Length	Reference to TS34.108 clause 6.10 Parameter Set
- Uplink DPCH timeslots and codes	Default is to use the old timeslots and codes
- CPCH SET Info	(no data)

Information Element	Value/remark
Downlink information common for all radio links	
<ul> <li>Downlink DPCH info common for all RL</li> </ul>	
- Timing indicator	Maintain
- CFN-targetSFN frame offset	Not Present
- Downlink DPCH power control information	
- DPC mode	0 (single)
- CHOICE mode	TDD
- CHOICE TDD option	3.84 Mcps (no data)
- Default DPCH Offset Value	Not Present
Downlink information for each radio link list	
- Downlink information for each radio link	
- Choice mode	TDD
- Primary CCPCH info	
- CHOICE SvncCase	Svnc Case 1
- Timeslot	PCCPCH timeslot
- Cell parameters ID	0
- SCTD indicator	-
- Downlink DPCH info for each RL	
- CHOICE mode	TDD
- DL CCTrCH List	
- TECS ID	1
- Time info	÷
- Activation time	(256+CEN-(CEN mod 8 + 8))mod 256
- Duration	infinite
- Common timeslot info	
- 2nd interleaving mode	Reference to TS34 108
- TECL coding	TRUE
- Puncturing limit	Reference to TS34 108 clause 6 Parameter set
- Repetition period	1
- Repetition length	
- Downlink DPCH timeslots and codes	<u>Empty</u>
- CHOICE more timeslots	
- CHOICE TDD option	2.84 Maps
	<u>5.04 WCps</u> The number of a downlink timeslet that here
	unassigned codes in a frame
Individual timoalat info	unassigned codes in a frame.
	TDUE
<u> </u>	
	2.94 Mono
	<u>3.64 Micps</u>
<u> </u>	Default
-ivildamble Allocation ivide Midemble configuration burgt	Default As defined in 2CPP TS 25 221
- Midamble configuration burst	AS defined in 3GPP 15 25.221
<u>iype 1 and 3</u> Eirst timeslet shannelisetion codes	
- First timesiot channelisation codes	(i/CE) where i is the lowest surplicited and
- First channelisation code	(I/SF) where i is the lowest numbered code
	TS24 102 double 6 Decemptor Set
Loot oboncellection and	(i/CE) where i is the highest purchased and
- Last channelisation code	(I/SF) where J is the highest humbered code
	that is being assigned in the slot.
- CHOICE more timeslots	Ine presence of this IE depends upon whether
	the requirements of 1S34.108 clause 6
	Parameter Set could be met by the codes that
	have been assigned in the first timeslot
- UL CCTrCH TPC List	Not Present
-SCCPCH information for FACH	Not Present

# Contents of RRC CONNECTION SETUP message: UM (Transition to CELL DCH) (1.28 Mcps TDD option)

Information Element	Value/remark
Message Type	

Information Element	Value/remark
Initial UE identity	Select the same identity as in the IE "Initial UE Identity" in
	received RRC CONNECTION REQUEST" message
RRC transaction identifier	<u>0</u>
Activation time	Not Present(Now)
New U-RNTI	
- SRNC identity	<u>0000 0000 0001B</u>
- S-RNTI	<u>0000 0000 0000 0000 0001B</u>
New C-RNTI	Not Present
RRC State Indicator	CELL DCH
UTRAN DRX cycle length coefficient	<u>9</u>
Capability update requirement	Not Present
<ul> <li>UE radio access FDD capability</li> </ul>	FALSE
update requirement	
- UE radio access TDD capability	TRUE
update requirement	
- System specific capability update	gsm
requirement list	

Information Element	Value/remark
Signalling RB information to setup	(UM DCCH for RRC)
- RB identity	Not Present
- CHOICE RI C info type	
PLC info	
<u>CHOICE Unlink DLC mode</u>	
- CHOICE Uplink RLC mode	
- Transmission RLC discard	Not Present
- CHOICE Downlink RLC mode	UM RLC
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	1
- Unlink transport channel type	БСН
- III Transport channel identity	5
- Logical channel identity	
<u>- OTOICE REC Size list</u> MAC logical observal priority	
- MAC logical charmer phone	<u> </u>
- Downlink RLC logical channel into	
- Number of RLC logical channels	$\frac{1}{2}$
<ul> <li>Downlink transport channel type</li> </ul>	DCH
<ul> <li>DL DCH Transport channel identity</li> </ul>	<u>10</u>
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	<u>1</u>
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
- Number of RLC logical channels	1
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	1
- CHOICE RLC size list	Explicit List
- RLC size index	According to TS34.108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- MAC logical channel priority	2
- Downlink RLC logical channel info	-
- Number of RLC logical channels	1
- Downlink transport channel type	FACH
- DL DCH Transport channel identity	Not Present
- DL DSCH Transport channel identity	Not Present
Signalling PR information to cotup	
DR identity	
	<u>Not Present</u>
- CHOICE RLC Into type	
- RLC Into	
- CHOICE Uplink RLC mode	AMRLC
- Transmission RLC discard	
<ul> <li>SDU discard mode</li> </ul>	No Discard
<u> </u>	<u>415</u>
<ul> <li>Transmission window size</li> </ul>	<u>128</u>
- Timer_RST	500
- Max_RST	4
- Polling info	
- Timer poll prohibit	200
- Timer poll	200
- Poll PDL	Not present

Information Element	Value/remark
- Poll SDU	1
- Last transmission PDU poll	TRUE
- Last retransmission PDU poll	TRUE
- Poll Window	99
- Timer poll periodic	Not Present
- CHOICE Downlink RLC mode	AMRLC
- In-sequence delivery	TRUE
- Receiving window size	128
- Downlink RLC status info	
- Timer status prohibit	200
- Timer EPC	Not Present
- Missing PDU indicator	TRUE
- Timer STATUS periodic	Not Present
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RI C logical channel mapping indicator	Not Present
- Number of RI C logical channels	1
- Uplink transport channel type	рсн
- UL Transport channel identity	5
- Logical channel identity	$\frac{2}{2}$
- CHOICE RI C size list	Configure
- MAC logical channel priority	2
- Downlink RLC logical channel info	=
- Number of RLC logical channels	1
- Downlink transport channel type	DCH
- DL DCH Transport channel identity	10
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	2
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	1
- Uplink transport channel type	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	2
- CHOICE RLC size list	Explicit List
- RLC size index	According to TS34.108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- MAC logical channel priority	3
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
<ul> <li>Downlink transport channel type</li> </ul>	FACH
<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
<ul> <li>Logical channel identity</li> </ul>	2
Signalling RB information to setup	(AM DCCH for NAS_DT High priority)
<u> </u>	Not Present
- CHOICE RLC info type	
<u> </u>	
- CHOICE Uplink RLC mode	AM RLC
<ul> <li>Transmission RLC discard</li> </ul>	
<ul> <li>SDU discard mode</li> </ul>	No Discard
<u> </u>	<u>415</u>
<u> </u>	100
- Iransmission window size	128
- Timer_RST	<u>500</u>
- Max_RST	4
- Polling into	000
- Limer poli prohibit	200
- Poll_PDU	Not present

Information Element	Value/remark
- Poll SDU	1
- Last transmission PDL noll	
Last retransmission DDU nell	
<u> </u>	99
- limer_poll_periodic	Not Present
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	128
- Downlink RLC status info	120
Timer, status, prohibit	200
- TIMER_EPC	Not Present
- Missing PDU indicator	IRUE
- Timer_STATUS_periodic	Not Present
- RB mapping info	
- Information for each multiplexing option	2 RBMuxOptions
- RLC logical channel mapping indicator	Not Present
- Number of RLC logical channels	1
Liplink transport shapped type	
- UL Transport channel identity	<u>5</u>
<ul> <li>Logical channel identity</li> </ul>	<u>3</u>
- CHOICE RLC size list	Configured
<ul> <li>MAC logical channel priority</li> </ul>	3
- Downlink RLC logical channel info	
- Number of RLC logical channels	1
- Downlink transport channel type	БСН
DL DCH Transport channel identity	10
- DL DSCH Transport channel identity	Not Present
- Logical channel identity	3
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of RLC logical channels</li> </ul>	1
<ul> <li>Uplink transport channel type</li> </ul>	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	3
- CHOICE RLC size list	Explicit List
- RI C size index	According to TS34,108 clause 6 for standalone 13.6 kbps
	signalling radio bearer
- MAC logical chapped priority	
Downlink PLC logical channel info	1 <sup>-</sup>
- Number of RLC logical channels	$\frac{1}{2}$
<ul> <li>Downlink transport channel type</li> </ul>	FACH
<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
- Logical channel identity	3
Signalling RB information to setup	(AM DCCH for NAS_DT Low priority)
- RB identity	Not Present
- CHOICE RI C info type	<u>Not Prosent</u>
<u>- RLC IIIU</u> CHOICE Haliak DLC mada	
- CHOICE Uplink RLC mode	AMIRLO
- Transmission RLC discard	
<u>SDU discard mode</u>	No discard
- MAX_DAT	<u>415</u>
- Transmission window size	128
- Timer RST	500
- Max RST	
	1 <del>-</del>
<u> </u>	200
	200
- limer_poll	200
- Poll_PDU	Not present

Information Element	Value/remark
- Poll SDU	1
- Last transmission PDLL poll	TRUE
- Last retransmission PDO poli	IRUE
- Poll_Windows	<u>99</u>
<u> </u>	Not Present
- CHOICE Downlink RLC mode	AM RLC
- In-sequence delivery	TRUE
- Receiving window size	128
- Receiving window size	120
- Downlink RLC status Info	
- limer_status_prohibit	200
- Timer_EPC	Not Present
- Missing PDU indicator	TRUE
- Timer STATUS periodic	Not Present
- RB manning info	
Information for each multiploving option	2 PPMuvOntiona
- RLC logical channel mapping indicator	Not Present
<ul> <li>Number of RLC logical channels</li> </ul>	<u>  1</u>
- Uplink transport channel type	DCH
- UL Transport channel identity	5
- Logical channel identity	
	Conligured
- MAC logical channel priority	4
<ul> <li>Downlink RLC logical channel info</li> </ul>	
<ul> <li>Number of RLC logical channels</li> </ul>	
<ul> <li>Downlink transport channel type</li> </ul>	DCH
- DL DCH Transport channel identity	10
DL DSCH Transport channel identity	Not Procent
	NOLFIESEIIL
- Logical channel identity	$\frac{4}{1}$
<ul> <li>RLC logical channel mapping indicator</li> </ul>	Not Present
<ul> <li>Number of RLC logical channels</li> </ul>	<u>  1</u>
<ul> <li>Uplink transport channel type</li> </ul>	RACH
- UL Transport channel identity	Not Present
- Logical channel identity	4
- CHOICE RLC size list	Explicit List
- RLC size index	According to TS34 108 clause 6 for standalone 13 6 kbps
	signalling radio bearer
MAC logical channel priority	5
<u>- MAC logical chariner priority</u>	2
- Number of RLC logical channels	$\frac{1}{2}$
<ul> <li>Downlink transport channel type</li> </ul>	FACH
<ul> <li>DL DCH Transport channel identity</li> </ul>	Not Present
<ul> <li>DL DSCH Transport channel identity</li> </ul>	Not Present
- Logical channel identity	4
LIL Transport channel information for all transport	-
abannala	
<u>channels</u>	N (D)
<u> </u>	Not Present
<u>- CHOICE mode</u>	TDD
<ul> <li>-Individual UL CCTrCH information</li> </ul>	
- UL TFCS ID	(This IE is repeated for TFC number.)
- UL TECS	· · · · · · · · · · · · · · · · · · ·
- TEC subset	Default value is the complete existing set of transport
	tormat combinations
<ul> <li>Allowed Transport Format combination</li> </ul>	0 to MaxTFCvalue-1 (MaxTFCValue is refer to
	TS34.108 clause 6 Parameter Set.)
- PRACH TFCS	(This IE is repeated for TFC number.)
- CHOICE TFCI signalling	Normal
- TECL Field 1 information	
information	
	Number of used hits must be ensure to second
	<u>Number of used bits must be enough to cover</u>
	all combinations of CTFC from clauses 6.
	Reter to TS34.108 clause 6 Parameter Set
- CTFC information	Not Present
- CHOICE mode	TDD
- Individual UL CCTrCH information	Not Present
Deleted TrCH information list	Not Present
Added or Reconfigured UL TrCH information	

Information Element	Value/remark				
- Uplink transport channel type	DCH				
- UIL Transport channel identity	$\frac{5000}{5}$				
	<b>≚</b>				
<ul> <li>CHOICE Transport channel type</li> </ul>	Dedicated transport channels				
<ul> <li>Dynamic Transport format information</li> </ul>					
- RLC size	According to TS34,108 clause 6 for standalone 13.6 kbps				
	signalling radio bearer				
Number of TDe and TTI lists	(This IF is reported for TFI number)				
- Number of TBS and TTT lists	(This is repeated for TFT number)				
- CHOICE mode	<u>TDD</u>				
- Transmission Time Interval	According to TS34.108 clause 6 for standalone 13.6 kbps				
	signalling radio bearer				
- CHOICE Logical channel list					
Somi static Transport Format information					
- Semi-static transport Format Information					
DL Transport channel information common for all					
transport channel					
- SCCPCH TFCS	Not Present				
- CHOICE mode					
Individual DL CCTrCH information					
- DL TFCS Identity					
- TFCS ID	<u>1</u>				
- Shared Channel Indicator					
- CHOICE DL parameters	Same as UI				
Added or Reconfigured TrCH information list					
Added or Deconfigured DL TrOLL information					
- Added or Reconfigured DL TrCH Information	2011				
<ul> <li>Downlink transport channel type</li> </ul>	DCH				
<ul> <li>DL Transport channel identity</li> </ul>	<u>10</u>				
- CHOICE DL parameters	Same as UI				
- Unlink transport channel type	DCH				
- OL Transport channel identity	<u>0</u>				
<u>-DCH quality target</u>					
- BLER Quality target	<u>-6.3</u>				
Frequency info	Not Present				
Maximum allowed LIL TX power	Not Present				
HOICE abanaal requirement	Holipk DDCH info				
HOICE channel requirement					
<ul> <li>Uplink DPCH power control info</li> </ul>					
- CHOICE mode	TDD				
- CHOICE TDD option	1.28 Mcps				
- PRXpppcudee	Reference to TS34 108 Parameter set				
- CHOICE mode	<u>IDD</u>				
- CHOICE UL OL PC info	Individually signalled				
- CHOICE TDD option	1.28 Mcps				
- TPC sten size	Not Present				
Primary CCPCH Ty Power	Not Procent				
<u> </u>					
- Activation time	(256+CFN-(CFN MOD 8 + 8))MOD 256				
- Duration	Infinite				
- Common timeslot info					
- 2nd interleaving mode	Reference to TS34.108 clause 6 Parameter Set				
- TECL coding	Reference to TS34 108 clause 6 Parameter Set				
Dupoturing Limit	Pataranao to TS24 100 alouro 6 Daramatar Sat				
	Reference to T004.400 km = 0.D				
- Repetition Period	Reference to 1534.108 clause 6 Parameter Set				
- Repetition Length	Reference to TS34.108 clause 6 Parameter Set				
- Uplink DPCH timeslots and codes	Default is to use the old timeslots and codes				
- CPCH SET Info	(no data)				
Downlink information common for all radio links	The sound				
- DOWNIINK DPCH INTO COMMON TOT All RL					
- Liming indicator	<u>Maintain</u>				
<ul> <li>CFN-targetSFN frame offset</li> </ul>	Not Present				
- Downlink DPCH power control information					
- DPC mode	0 (single)				
- CHOICE IDD option	1.28 Mcps				
- TSTD indicator					
- Default DPCH Offset Value	Not Present				
Downlink information for each radio link list					
Downlink information for each radio link					
	TDD				
- Choice mode	עטו				

Information Element	Value/remark
- Primary CCPCH info	
- CHOICE SyncCase	Sync Case 1
<u> </u>	PCCPCH timeslot
- Cell parameters ID	<u>0</u>
- SCTD indicator	
<ul> <li>Downlink DPCH info for each RL</li> </ul>	
- CHOICE mode	TDD
- DL CCTrCH List	
<u> </u>	1
<u> </u>	
- Activation time	(256+CFN-(CFN mod 8 + 8))mod 256
<u> </u>	<u>infinite</u>
- Common timeslot info	D (
- 2nd Interleaving mode	Reference to 1S34.108
- IFCI coding	IRUE Reference to TC24.400 eleves C Deversetor est
- Puncturing limit	Reference to 1534.108 clause 6 Parameter set
<u> </u>	
Cepetition length     Downlink DPCH timoslots and codes	<u>Empty</u>
- CHOICE TDD option	1.28 Mcps
	The number of a downlink timeslat that has
	unassigned codes in a subframe
- Individual timeslot info	
- TFCI existence	TRUE
- Midamble shift and burst type	
- CHOICE TDD option	1.28 Mcps
-CHOICE Burst Type	
-Type 1	
-Midamble Allocation Mode	Default
- Midamble configuration	As defined in 3GPP TS 25.221
<ul> <li>First timeslot channelisation codes</li> </ul>	
<ul> <li>First channelisation code</li> </ul>	(i/SF) where i is the lowest numbered code
	that is being assigned and SF is specified in
	TS34.108 clause 6 Parameter Set
<ul> <li>Last channelisation code</li> </ul>	(j/SF) where j is the highest numbered code
	that is being assigned in the slot.
- CHOICE more timeslots	The presence of this IE depends upon whether
	the requirements of TS34.108 clause 6
	Parameter Set could be met by the codes that
	have been assigned in the first timeslot
	Net Present
	NOT Present
SCCPCH information for EACH	Net Present

# Contents of RRC CONNECTION SETUP COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the
	value of the same IE transmitted in the downlink RRC
	CONNECTION SETUP message.
START list	Not checked
UE radio access capability	Not checked
UE radio access capability extension	Not checked
UE system specific capability	Not checked

# Contents of SECURITY MODE COMMAND message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3
Integrity check info	
- Message authentication code	Set to an arbitrarily selected 32-bits integer
- BRC Message Sequence Number	Set to an arbitrarily selected integer between 0 and 15
Security capability	Set to an arbitrarily selected integer between 0 and 10
- Cipbering algorithm capability	
	If ciphering is not indicated to be active on IXIT
	statements in TS 24 122.2, set this IE to TPLIE
	If ciphering is indicated to be active on IXIT statements in
	TS 24 122 2 set this IE to TPLIE
Spara	
<u>- Opale</u>	<u>PALSE</u> 000000000000000000000000000000000000
<u> </u>	This processes of this IE is dependent on IVIT statements
	in TS 24 122 2. If eightering is indicated to be active, this
	In 15 54,125-2. If cipitering is indicated to be active, this
	Elso this IE is omitted
Ciphoring mode command	Eise, this is officied.
<u>Ciphering algorithm</u>	<u>Stati/lestati</u>
	Ose the same opnehility" IE in this message
Ciphering estivation time for DBCH	Algorithm capability TE in this message.
Padia baarar dawaliak ciabaring activation time	Not Flesent
- Radio bearer downlink cipitering activation time	
Dedie beerer estivation time	
Radio Dealer activation time	1
PLC sequence number	L Current PLC SNL2
PLC sequence number	Current PLC SNL2
PR identity	
- RLC sequence number	Current RLC SN ± 2
PLC sequence number	Current PLC SN + 2
<u>- RLC Sequence number</u>	$\frac{\text{Current RLC SN + 2}}{\text{The presence of this IE is dependent on IVIT statements}}$
	in TS 24 122 22. If integrity protection is indicated to be
	active this IF is present with the values of the sub IFs of
	active, this is present with the values of the sub is as
Integrity protection made command	Start
- <u>Integrity protection mode commanu</u>	Not Present
- Downlink integrity protection activation into	
- integrity protection algorithm	UIAT SS soloots on arbitrary 22 bits number for EDESU
- integrity protection initialisation number	Supported domain
	Supported domain
$\cup$ $\Box$ system specific security capability	

# Contents of SECURITY MODE COMPLETE message: AM

Information Element	Value/remark
Message Type	
RRC transaction identifier	The value of this IE is checked to see that it matches the
	value of the same IE transmitted in the downlink
	SECURITY MODE COMMAND message.
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is used
	by SS to compute the XMAC-I value.
Uplink integrity protection activation info	Not checked.
Radio bearer uplink ciphering activation time info	If ciphering is not activated in SECURITY MODE
	COMMAND message, this IE must be absent. Else, SS
	checks this IE for the presence of activation times for all
	ciphered uplink RLC-UM and RLC-AM RBs.

# Contents of UPLINK DIRECT TRANSFER message: AM

Information Element	Value/remark
Message Type	
Integrity check info	The presence of this IE is dependent on IXIT statements
	in TS 34.123-2. If integrity protection is indicated to be
	active, this IE shall be present with the values of the sub
	IEs as stated below. Else, this IE and the sub-IEs shall be
	absent.
<ul> <li>Message authentication code</li> </ul>	This IE is checked to see if it is present. The value is
	compared against the XMAC-I value computed by SS.
<ul> <li>- RRC Message sequence number</li> </ul>	This IE is checked to see if it is present. The value is used
	by SS to compute the XMAC-I value.
CN domain identity	Checked to see if set to supported CN domain as
	specified in the IXIT statements
NAS message	Set according to that indicated in specific message
	content clause
Measured results on RACH	Not checked

# 3GPP TSG-T1/SIG Meeting #22 Helsinki, Finland, 9-11 April 2002

# Tdoc T1S-020156r1

, ,							CR-Form-v5 1
	C	CHANGE	REQU	EST			OK-FORM-VO.T
<sup>೫</sup> TS 3	<mark>34.108</mark> CR	120	жrev	<mark>_</mark>	Current vers	<sup>ion:</sup> 3.7.1	1 <sup>#</sup>
For <u>HELP</u> on usin	ng this form, see	bottom of this	page or lo	ok at the p	oop-up text	over the % s	symbols.
Proposed change aff	ects:	SIM ME/	UE <mark>X</mark> R	adio Acce	ess Network	Core l	Network
Title: %	Jpdate of gener establishment	ic setup proced	dures to us	e 13.6 kbp	os SRB in F	RRC connect	ion
Source: ೫ E	Ericsson						
Work item code:   📕					Date: ೫	2002-05-12	2
Category: # U	F se <u>one</u> of the follo F (correction) A (correspond B (addition of C (functional I D (editorial me etailed explanatio e found in 3GPP ]	wing categories. Is to a correction feature), modification of fe odification) ns of the above of <u>R 21.900</u> .	n in an earlie eature) categories c	F er release) an	Release: ₩ Use <u>one</u> of 2 R96 R97 R98 R99 REL-4 REL-5	R99 the following r (GSM Phase (Release 199 (Release 199 (Release 199 (Release 4) (Release 5)	eleases: 2) 6) 7) 8) 9)
<b>Reason for change:</b> * Current generic setup procedures use the 3.4 kbps signalling radio bearer in the RRC connection setup procedure. The 13.6 kbps signalling radio bearer would represent a more likely configuration to be used in real network as it provides for better signalling performance, e.g. a faster call setup.							
Summary of change:	<ul> <li># 1. Editorial</li> <li>2. Basic ge</li> <li>1</li> <li>a</li> <li>a</li> <li>b</li> <li>changes to defor to clause 9</li> </ul>	corrections neric procedur emoved reference added reference n the specific r fault message of 1 and 9.2 in [T]	es (7.1): ence to 3.4 ent of the R ce to clause nessage co f RRC CON DOC numbe	kbps sign RC CON e in 34.10 ontent of F NECTION er TBD].	alling radio NECTION S 8 for the 12 RADIO BEA I SETUP hav	bearer for th SETUP mess 2.2 speech ra ARER SETUF ve been merge	le specific age. Idio bearer 2. d into CR

Consequences if Signalling radio bearer used in the signalling tests will not be representative for what will be used in real networks.

Clauses affected:	ж	7.1.2.3, 7.1.2.4.3, 7.1.3.4.1		
Other specs	ж	Other core specifications	ж	
affected:		l est specifications		
		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 <u>http://www.3gpp.org/specs/CR.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

# 7 Generic setup procedures

# 7.1 Basic Generic Procedures

# 7.1.1 UE Test States for Basic Generic Procedures

This clause describes a set of procedures for use by test cases in TS 34.123-1. Describing these procedures in a generic manner allows their use in many test cases. By using these procedures, test case descriptions need not detail signalling that is not relevant to its purpose or understanding.

The procedures are based upon default values that are adapted to the most common usage. Test cases that require values different from the default will, when specifying the Basic Generic Procedure, also specify those parameters that are modified.



#### Figure 7.1.1: UE Test States for Basic Generic Procedures

In order that the UE can set up a call in UTRAN, there are a number of procedures to be undertaken in a hierachical sequence to move between known states. The sequences are shown in figure 7.1.1 and the status of the relevant protocols in the UE in the different states are given in table 7.1.1.

		RRC	CC	MM	SM	GMM
State 1	Power OFF		null	detached	inactive	detached
State 2	CS Registered Idle Mode	Idle	null	idle	inactive	detached
State 3	PS Registered Idle Mode	Idle	null	detached	inactive	idle
State BGP4	RRC Connection	Connected	null	as previous	inactive	as previous
State BGP5	Generic RB Establishment	Connected	null	as previous	inactive	as previous

#### Table 7.1.1: The UE states

# 7.1.2 Mobile terminated establishment of Radio Resource Connection

#### 7.1.2.1 Initial conditions

#### System Simulator:

The system simulator will start from the default idle state. Parameters will the default parameters for a single cell, unless otherwise specified in the test case.

#### User Equipment:

Unless otherwise specified in the test case, the UE will be in the following state:

- Default test operating conditions.
- The UE shall have followed the generic registration procedure for CS or PS operations, and will be in Idle Mode, Camped-on (State 2 or State 3).

#### 7.1.2.2 Definition of system information messages

The default system information messages are used.

#### 7.1.2.3 Procedure

- The SS sends a PAGING TYPE 1 message to the UE on the appropriate paging block, and with the IE "Paging record" containing the TMSI or P-TMSI of the UUT.
- The SS receives an RRC CONNECTION REQUEST message from the UE.
- On receipt of the RRC CONNECTION REQUEST the SS shall transmit a RRC CONNECTION SETUP message to the UE. The SS shall wait for the receipt of an RRC CONNECTION <u>SETUP</u> COMPLETE message from the UE.
- On receipt of an RRC COONNECTION <u>SETUP</u> COMPLETE message, the procedure is complete.

Step	p Direction		Message	Comments
	UE	SS		
1		÷	SYSTEM INFORMATION (BCCH)	Default SI messages
2		←	PAGING TYPE 1 (PCCH)	Sent on appropriate cycle
3	→ RRC CONNECTION REC		RRC CONNECTION REQUEST (CCCH)	RRC
4	← RRC CONNECTION SETU		RRC CONNECTION SETUP (CCCH)	RRC
5		$\rightarrow$	RRC CONNECTION SETUP COMPLETE (DCCH)	RRC

#### 7.1.2.4 Specific message contents

#### 7.1.2.4.1 PAGING TYPE 1

This message is sent from the SS to the UE, using the TM RLC SAP, on the PCCH logical channel:

	Value/Remark					
Message Type	PAGING TYPE 1					
UE Information eleme						
Paging record list	Paging record	CN originator	Paging cause	Terminating Speech Call (note)		
	CS domain (note)					
	As specified during Registration procedure					
Other information ele						
BCCH modification info	omit					
NOTE: These defaults are applied if no subsequent procedure is to be run. Otherwise, the Paging cause and CN domain identity are selected in accordance with the requirements of the following procedure						

## 7.1.2.4.2 RRC CONNECTION REQUEST

This message is sent by the UE to the SS using the TM-RLC SAP. It is sent on the CCCH Logical channel.

Information Element	Value/Remark		
Message Type			RRC CONNECTION
			REQUEST
UE information element	s		
Initial UE identity	TMSI and LAI	TMSI (GSM-MAP)	As specified during
			Registration procedure
		LAI (GSM-MAP)	As specified by default 1 cell
			environment
Initial UE capability	As declared in UE ICS		
Establishment cause			As appropriate
Protocol error indicator			FALSE
Measurement information			
Measured results on RAC	H		Not checked

## 7.1.2.4.3 RRC CONNECTION SETUP

This message is sent from the SS to the UE using the UM-RLC SAP. The message is sent on the CCCH Logical channel.

The default RRC CONNECTION SETUP message for the transition to connected mode CELL\_DCH is used except for the IE fields specified below.

1

Information Element			Value/Remark
Message Type			RRC CONNECTION SETUP
UE Information Elements			
Initial UE identity	TMSI and LAI	TMSI (GSM-MAP)	As specified during Registration procedure
		LAI (GSM-MAP)	As specified by default 1 cell environment
<b>RB Information Elements</b>			
Use default for 3.4k bit/s si	gnalling radio beare	F	
TrCH Information Elemen	its		
Use default for 3.4k bit/s si	gnalling radio beare	F	
Frequency info			As specified by default 1 cell environment
Uplink radio resources			
Use default			
Downlink radio			
resources			
Use default			

# 7.1.2.4.4 RRC CONNECTION SETUP COMPLETE

This message is sent by the UE to the SS using AM-RLC SAP. The message is sent on the DCCH Logical channel.

Information Element			Value/Remark
Message Type			RRC CONNECTION SETUP
			COMPLETE
UE Information Elements			
Hyper frame number			Not checked
UE radio access capability	Conformance test compliance		R99
	PDCP capability	Support for lossless SRNS	Not checked
		relocation	
		Supported algorithm types	Not checked
	RLC capability	Total RLC AM buffer size	Not checked
		Maximum number of AM	Not checked
		entities	
	Transport	Downlink	
	channel		
	capability		
		Max no of bits received	Not checked
		Max convolutionally coded	Not checked
		bits received	
		iviax turbo coded bits	NOT CHECKED
		Movimum number of	Not abacked
		channels	
		Max no of received transport	Not checked
		blocks	The checked
		Maximum number of TFC in	Not checked
			Net she she al
		Maximum number of TF	Not checked
			Not checked
		Max no of bits transmitted	Not checked
		Max convolutionally coded	Not checked
		bits received	Not checked
		Max turbo coded bits	Not checked
		received	
		Maximum number of	Not checked
		simultaneous transport	
		channels	
		Max no of transmitted	Not checked
		Maximum number of TEC in	Not abacked
		the TFCS	Not checked
		Maximum number of TF	Not checked
		Support for turbo encoding	Not checked
	RF capability	UE power class	As declared for UE
		Tx/Rx frequency separation	Not checked
	Physical	Downlink	
	channel		
	capability		
		Maximum number of simultaneous CCTrCH	Not checked
		Max no DPCH/PDSCH codes	Not checked
		Max no physical channel bits	Not checked
		received	
		Support for SF 512	Not checked
		Support of PDSCH	Not checked
		Simultaneous reception of	Not checked
		SCCPCH and DPCH	
		Max no of S-CCPCH RL	Not checked
		Maximum number of DPDCH	Not checked
		bits transmitted per 10 ms	

Information Element			Value/Remark
		Support of PCPCH	Not checked
	UE multi-	Multi-RAT capability	
	mode/multi-RAT		
	capability		
		Multi-mode capability	FDD or FDD/TDD
	Security capability	Ciphering algorithm capability	Not checked
		Integrity protection algorithm capability	Not checked
	LCS capability	Standalone location	Not checked
		Hethod(s) supported	Netchecked
		UE based UTDUA supported	
		support	Not checked
		GPS reference time capable	Not checked
		Support for IPDL	Not checked
	Measurement	Need for downlink	Not checked
	capability	compressed mode	
		FDD measurements DL	Not checked
		TDD measurements DL	Not checke
		GSM 900 DL	Not checked
		DCS 1800 DL	Not checked
		GSM 1900 DL	Not checked
		Multi-carrier measurement DL	Not checked
		Need for uplink compressed mode	Not checked
		FDD measurements UL	Not checked
		TDD measurements UL	Not checked
		GSM 900 UL	Not checked
		DCS 1800 UL	Not checked
		GSM 1900 UL	Not checked
		Multi-carrier measurement UL	Not checked
UE system specific capability	1		Not checked

# 7.1.3 Radio Bearer Setup Procedure

## 7.1.3.1 Initial conditions

The procedure specified in clause 7.1.2 will be run. This procedure starts from the successful completion of clause 7.1.2.

## 7.1.3.2 Definition of system information messages

The default system information messages are used.

## 7.1.3.3 Procedure

- The SS sends a RADIO BEARER SETUP message to the UE on the DCCH established by the RRC Connection Establishment procedure.
- The SS receives a RADIO BEARER SETUP COMPLETE message from the UE in RLC Acknowledged mode on the DCCH.

#### On receiption of the RADIO BEARER SETUP COMPLETE the procedure is complete.

Step	Direction	Message	Comments
	UE SS		
1	÷	RADIO BEARER SETUP (DCCH)	RRC
2	$\rightarrow$	RADIO BEARER SETUP COMPLETE (DCCH)	RRC

## 7.1.3.4 Specific message contents

## 7.1.3.4.1 RADIO BEARER SETUP

The RADIO BEARER SETUP message is sent from the System Simulator to the UE, using AM-RLC on the DCCH logical channel.

The default RRC CONNECTION SETUP message for the setup of a speech radio access bearer is used except for the IE fields specified below.

Information Element		Value/Remark	
Message Type		RADIO BEARER SETUP	
UE Information Elements			
CN Information Elements			
RB Information Elements			
RAB information for setup Default parameters for 12.2 kbps speech RAB + 3.4 kbps signal			
radio bearer according to TS 34.108 clause 6.10.2.4.1.4			

## 7.1.3.4.2 RADIO BEARER SETUP COMPLETE

The RADIO BEARER SETUP COMPLETE message is sent from the UE to the System Simulator, using AM-RLC on the DCCH logical channel.

The default RADIO BEARER SETUP COMPLETE message is used .

Information Element	Value/Remark
Message Type	RADIO BEARER SETUP COMPLETE
Use default	

## 3GPP TSG-T1/SIG Meeting #22 Helsinki, Finland, 9-11 April 2002

# Tdoc T1S-020157r1

		CR-Form-v5.1					
CHANGE REQUEST							
ж <mark>т</mark>	<mark>S 34.108</mark> CR <mark>121</mark> <b># rev</b> - <sup># Cur</sup>	rrent version: <b>4.2.1</b> <sup>#</sup>					
For <b>HELP</b> on using this form, see bottom of this page or look at the pop-up text over the $#$ symbols.							
Proposed change	e affects: # (U)SIM ME/UE X Radio Access	s Network Core Network					
Title: 3	Update of generic setup procedures to use 13.6 kbps establishment	SRB in RRC connection					
Source: ೫	€ Ericsson						
Work item code:₿	f TEI	<b>Date:</b>					
Category: #	<ul> <li>A Real Use one of the following categories: Use one of the following categories can be found in 3GPP TR 21.900.</li> </ul>	lease:          R99           'se one of the following releases:         2           (GSM Phase 2)         R96           R96         (Release 1996)           R97         (Release 1997)           R98         (Release 1998)           R99         (Release 1999)           REL-4         (Release 4)           REL-5         (Release 5)					
Reason for chang	<b>ie: #</b> Current generic setup procedures use the 3.4 kb RRC connection setup procedure. The 13.6 kbps represent a more likely configuration to be used i better signalling performance, e.g. a faster call se	ps signalling radio bearer in the s signalling radio bearer would in real network as it provides for etup.					
Summary of chan	ige: #       1. Editorial corrections         2. Basic generic procedures (7.1):						

removed reference to 3.4 kbps signalling radio bearer for the specific message content of the RRC CONNECTION SETUP message.
 added reference to clause in 34.108 for the 12.2 speech radio bearer

in the specific message content of RADIO BEARER SETUP.

Changes to default message of RRC CONNECTION SETUP have been merged into CR for to clause 9.1 and 9.2 in [TDOC number TBD].

 

 Consequences if not approved:
 %
 Signalling radio bearer used in the signalling tests will not be representative for what will be used in real networks.

Conter core specifications
 Test specifications
 O&M Specifications

7.1.2.3, 7.1.2.4.3, 7.1.3.4.1

Clauses affected:

Other specs

affected:

ж

#### Other comments: #

#### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

# 7 Generic setup procedures

# 7.1 Basic Generic Procedures

# 7.1.1 UE Test States for Basic Generic Procedures

This clause describes a set of procedures for use by test cases in TS 34.123-1. Describing these procedures in a generic manner allows their use in many test cases. By using these procedures, test case descriptions need not detail signalling that is not relevant to its purpose or understanding.

The procedures are based upon default values that are adapted to the most common usage. Test cases that require values different from the default will, when specifying the Basic Generic Procedure, also specify those parameters that are modified.



## Figure 7.1.1: UE Test States for Basic Generic Procedures

In order that the UE can set up a call in UTRAN, there are a number of procedures to be undertaken in a hierachical sequence to move between known states. The sequences are shown in figure 7.1.1 and the status of the relevant protocols in the UE in the different states are given in table 7.1.1.

#### Table 7.1.1: The UE states

		RRC	CC	MM	SM	GMM
State 1	Power OFF		null	detached	inactive	detached
State 2	CS Registered Idle Mode	idle	null	idle	inactive	detached
State 3	PS Registered Idle Mode	idle	null	detached	inactive	idle
State BGP4	RRC Connection	connected	null	as previous	inactive	as previous
State BGP5	Generic RB Establishment	connected	null	as previous	inactive	as previous

# 7.1.2 Mobile terminated establishment of Radio Resource Connection

## 7.1.2.1 Initial conditions

System Simulator:

The system simulator will start from the default idle state. Parameters will the default parameters for a single cell, unless otherwise specified in the test case.

#### User Equipment:

Unless otherwise specified in the test case, the UE will be in the following state:

- Default test operating conditions.
- The UE shall have followed the generic registration procedure for CS or PS operations, and will be in Idle Mode, Camped-on (State 2 or State 3).

## 7.1.2.2 Definition of system information messages

The default system information messages are used.

## 7.1.2.3 Procedure

- The SS sends a PAGING TYPE 1 message to the UE on the appropriate paging block, and with the IE "Paging record" containing the TMSI or P-TMSI of the UUT.
- The SS receives an RRC CONNECTION REQUEST message from the UE.
- On receipt of the RRC CONNECTION REQUEST the SS shall transmit a RRC CONNECTION SETUP message to the UE. The SS shall wait for the receipt of an RRC CONNECTION <u>SETUP</u> COMPLETE message from the UE.
- On receipt of an RRC COONNECTION <u>SETUP</u> COMPLETE message, the procedure is complete.

Step	Direction	Message	Comments
	UE SS		
1	÷	SYSTEM INFORMATION (BCCH)	Default SI messages
2	←	PAGING TYPE 1 (PCCH)	Sent on appropriate cycle
3	$\rightarrow$	RRC CONNECTION REQUEST (CCCH)	RRC
4	÷	RRC CONNECTION SETUP (CCCH)	RRC
5	$\rightarrow$	RRC CONNECTION SETUP COMPLETE (DCCH)	RRC

#### 7.1.2.4 Specific message contents

#### 7.1.2.4.1 PAGING TYPE 1

This message is sent from the SS to the UE, using the TM RLC SAP, on the PCCH logical channel:

Information Element				Value/Remark
Message Type				PAGING TYPE 1
UE Information eleme	ents			
Paging record list	Paging record	CN originator	Paging cause	Terminating Speech Call (note)
			CN domain identity	CS domain (note)
			TMSI (GSM- MAP)	As specified during Registration procedure
	•			
Other information ele	ments			
BCCH modification info omit				
NOTE: These defaults are applied if no subsequent procedure is to be run. Otherwise, the Paging cause and CN domain identity are selected in accordance with the requirements of the following procedure.				

#### 7.1.2.4.2 RRC CONNECTION REQUEST

This message is sent by the UE to the SS using the TM-RLC SAP. It is sent on the CCCH Logical channel.

Information Element			Value/Remark
Message Type			RRC CONNECTION
			REQUEST
UE information element	S		
Initial UE identity	TMSI and LAI	TMSI (GSM-MAP)	As specified during
			Registration procedure
		LAI (GSM-MAP)	As specified by default 1 cell
			environment
Initial UE capability Maximum number of AM entities			As declared in UE ICS
Establishment cause			As appropriate
Protocol error indicator			FALSE
Measurement information	on elements		
Measured results on RACH			Not checked

# 7.1.2.4.3 RRC CONNECTION SETUP

This message is sent from the SS to the UE using the UM-RLC SAP. The message is sent on the CCCH Logical channel.

The default RRC CONNECTION SETUP message for the transition to connected mode CELL\_DCH is used except for the IE fields specified below.

I

Information Element			Value/Pemark	
Message Type			RRC CONNECTION SETUP	
UE Information Elements				
Initial UE identity	TMSI and LAI	TMSI (GSM-MAP)	As specified during Registration procedure	
		LAI (GSM-MAP)	As specified by default 1 cell environment	
<b>RB Information Elements</b>				
Use default for 3.4k bit/s sigr	halling radio bearer			
TrCH Information Elements	S			
Use default <del>-for 3.4k bit/s signalling radio bearer</del>				
Frequency info As specified by default 1 cell environment				
Uplink radio resources				
Use default				
Downlink radio				
resources				
Use default				

# 7.1.2.4.4 RRC CONNECTION SETUP COMPLETE

This message is sent by the UE to the SS using AM-RLC SAP. The message is sent on the DCCH Logical channel.

Information Element			Value/Remark
Message Type			RRC CONNECTION SETUP
			COMPLETE
UE Information Elements			
Hyper frame number			Not checked
UE radio access capability	Conformance test	t compliance	R99
	PDCP capability	Support for lossless SRNS	Not checked
		relocation	
		Supported algorithm types	Not checked
	RLC capability	Total RLC AM buffer size	Not checked
		Maximum number of AM	Not checked
		entities	
	Transport	Downlink	
	channel		
	capability		
		Max no of bits received	Not checked
		Max convolutionally coded	Not checked
		bits received	
		Max turbo coded bits	Not checked
		received	
		Maximum number of	Not checked
		simultaneous transport	
		channels	
		Max no of received transport	Not checked
		DIOCKS	Not sho sho sh
		the TECS	Not checked
		Movimum number of TE	Not abacked
		Naximum number of TF	Not checked
			Not checked
		May no of hits transmitted	Not shadked
		Max no or bits transmitted	Not checked
		hits received	Not checked
		Max turbo coded bits	Not checked
		received	Not checked
		Maximum number of	Not checked
		simultaneous transport	
		channels	
		Max no of transmitted	Not checked
		transport blocks	
		Maximum number of TFC in	Not checked
		the TFCS	
		Maximum number of TF	Not checked
		Support for turbo encoding	Not checked
	RF capability	UE power class	As declared for UE
		Tx/Rx frequency separation	Not checked
	Physical	Downlink	
	channel		
	capability		
		Maximum number of	Not checked
		simultaneous CCTrCH	
		Max no DPCH/PDSCH codes	Not checked
		Max no physical channel bits	Not checked
		received	
		Support for SF 512	Not checked
		Support of PDSCH	Not checked
		Simultaneous reception of	Not checked
		SUCPCH and DPCH	Net she she !
		IVIAX NO OF S-CCPCH RL	NOT CHECKED
			Net de altra
		Iviaximum number of DPDCH	Not checked
		Dits transmitted per 10 ms	

Information Element			Value/Remark
		Support of PCPCH	Not checked
	UE multi- mode/multi-RAT capability	Multi-RAT capability	
		Multi-mode capability	FDD or FDD/TDD
	Security capability	Ciphering algorithm capability	Not checked
		Integrity protection algorithm capability	Not checked
	LCS capability	Standalone location method(s) supported	Not checked
		UE based OTDOA supported	Not checked
		Network Assisted GPS support	Not checked
		GPS reference time capable	Not checked
		Support for IPDL	Not checked
	Measurement capability	Need for downlink compressed mode	Not checked
		FDD measurements DL	Not checked
		TDD measurements DL	Not checke
		GSM 900 DL	Not checked
		DCS 1800 DL	Not checked
		GSM 1900 DL	Not checked
		Multi-carrier measurement DL	Not checked
		Need for uplink compressed mode	Not checked
		FDD measurements UL	Not checked
		TDD measurements UL	Not checked
		GSM 900 UL	Not checked
		DCS 1800 UL	Not checked
		GSM 1900 UL	Not checked
		Multi-carrier measurement UL	Not checked
UE system specific capability	/		Not checked

# 7.1.3 Radio Bearer Setup Procedure

## 7.1.3.1 Initial conditions

The procedure specified in clause 7.1.2 will be run. This procedure starts from the successful completion of clause 7.1.2.

## 7.1.3.2 Definition of system information messages

The default system information messages are used.

## 7.1.3.3 Procedure

- The SS sends a RADIO BEARER SETUP message to the UE on the DCCH established by the RRC Connection Establishment procedure.
- The SS receives a RADIO BEARER SETUP COMPLETE message from the UE in RLC Acknowledged mode on the DCCH.

#### On receiption of the RADIO BEARER SETUP COMPLETE the procedure is complete.

Step	Direction	Message	Comments
	UE SS		
1	÷	RADIO BEARER SETUP (DCCH)	RRC
2	$\rightarrow$	RADIO BEARER SETUP COMPLETE (DCCH)	RRC

## 7.1.3.4 Specific message contents

#### 7.1.3.4.1 RADIO BEARER SETUP

The RADIO BEARER SETUP message is sent from the System Simulator to the UE, using AM-RLC on the DCCH logical channel.

The default RRC CONNECTION SETUP message for the setup of a speech radio access bearer is used except for the IE fields specified below.

Information Element		Value/Remark
Message Type		RADIO BEARER SETUP
UE Information Elements		
CN Information Elements		
RB Information Elements		
RAB information for setup	Default parameters for 12.2 kbps spee	ch RAB <u>+3.4 kbps signalling</u>
	radio bearer according to TS 34.108 cl	ause 6.10.2.4.1.4

## 7.1.3.4.2 RADIO BEARER SETUP COMPLETE

The RADIO BEARER SETUP COMPLETE message is sent from the UE to the System Simulator, using AM-RLC on the DCCH logical channel.

The default RADIO BEARER SETUP COMPLETE message is used .

Information Element	Value/Remark
Message Type	RADIO BEARER SETUP
	COMPLETE
Use default	