#### RP-010335

#### TSG-RAN Meeting #12 Stockholm, Sweden, 12-15, June, 2001

Title: Agreed CRs (R99 and Rel-4 Category A) to TS 25.215

Source: TSG-RAN WG1

Agenda item: 8.1.3

No.	Spec	CR	Rev	R1 T-doc	Subject	Release	Cat	W / I Code	V_old	V_new
1	25.215	087	-	R1-01-0470	Renaming of LCS measurements	R99	F	TEI	3.6.0	3.7.0
2	25.215	880	-	R1-01-0470	Renaming of LCS measurements	REL-4	Α	TEI4	4.0.0	4.1.0
3	25.215	089	1	R1-01-0625	Correction the TrCH BLER measurement	R99	F	TEI	3.6.0	3.7.0
4	25.215	090	1	R1-01-0625	Correction the TrCH BLER measurement	REL-4	Α	TEI4	4.0.0	4.1.0

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*	25.215	CR <mark>087</mark>	ж	rev	<b>#</b> (	Current versi	ion: <b>3.6.</b>	<b>0</b> <sup>#</sup>
For <b>HELP</b> on us	ing this for	m, see bottom	of this pag	ge or look	at the	pop-up text	over the 🖁 :	symbols.
Proposed change a	ffects: #	(U)SIM	ME/UE	X Rad	dio Acc	ess Network	X Core	Network
Title:	Renamino	g of LCS meas	urements					
Source:	TSG RAN	I WG1						
Work item code: ₩	TEI					Date: ℜ	2001-05-1	5
I	Use <u>one</u> of a F (cone) A (cone) B (adde) C (fundation D (edia) Detailed exp	the following cat rection) responds to a co lition of feature), ctional modificational forial modificational planations of the 3GPP TR 21.90	orrection in a tion of featu n) above cate	re)	release)	Use <u>one</u> of t 2 R96 R97 R98 R99 REL-4	R99 the following (GSM Phase (Release 199) (Release 199) (Release 199) (Release 4) (Release 5)	2) 96) 97) 98)
Reason for change:		302 V3.8.0, RA .CS to UE pos		nanged th	e nami	ng for relate	d LCS meas	surements
Summary of change		ne the LCS re oning and UTR						
Consequences if not approved:	第 <mark>Namir</mark>	ng of measure	ments in R	AN1 and	RAN2 i	is misaligned	d.	
Clauses affected:	策 <mark>5.1.12</mark>	2, 5.2.9						
Other specs affected:	Te	ther core speciest specification	ns	*				
Other comments:	ж							

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

# 5.1.12 UE GPS Timing of Cell Frames for LCSUE positioning

Definition	The timing between cell j and GPS Time Of Week. Tue-GPSj is defined as the time of occurrence of a specified UTRAN event according to GPS time. The specified UTRAN event is the beginning of a particular frame (identified through its SFN) in the first detected path (in time) of the cell j CPICH, where cell j is a cell within the active set. The reference point for Tue-GPSj shall be the antenna connector of the UE.
Applicable for	Connected Intra, Connected Inter

## 5.2.9 UTRAN GPS Timing of Cell Frames for LCSUE positioning

Definition	T <sub>UTRAN-GPSj</sub> is defined as the time of the occurrence of a specified UTRAN event according to GPS Time Of Week. The specified UTRAN event is the beginning of the transmission of a
	particular frame in cell j (identified through its SFN), where cell j is a cell within the active set.
	The reference point for T <sub>UTRAN-GPSj</sub> shall be the Tx antenna connector.

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Proposed change a	ffects	: ¥	(U)SIM	l [	ME/UE	X	Radi	io Ac	cess Netw	ork X	Core N	letwork
Title: 第	Rena	ming	of LCS n	neasure	ments							
Source: #	TSG	RAN \	WG1									
Work item code: ₩	TEI4								Date:	第 20	01-05-15	;
	F A B C D	(corre (corre (addit (funct (edito d expla	e followin ction) esponds to ion of fea ional modifi anations of GPP TR 2	o a correcture), dification ication) of the abo	ction in a	re)		elease	2	of the for (GS) (Reli (Reli (Reli (Reli	EL-4 collowing re M Phase 2 ease 1996 ease 1998 ease 1998 ease 1998 ease 4) ease 5)	?) 5) 7) 3)
Reason for change.			02 V3.8.0 CS to UE			nange	d the	nam	ning for rel	ated LC	S meas	urements
Summary of change									E GPS Tin rames for			nes for UE
Consequences if not approved:	жN	aming	g of meas	suremer	nts in R	AN1 a	and F	RAN2	is misalig	ned.		
Clauses affected:	<b>第</b> 5.	1.12,	5.2.9									
Other specs affected:	*	Tes	er core s st specific M Specif	cations		ж						
Other comments:	ж											

- 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.

# 5.1.12 UE GPS Timing of Cell Frames for LCSUE positioning

Definition	The timing between cell j and GPS Time Of Week. Tue-GPSj is defined as the time of occurrence of a specified UTRAN event according to GPS time. The specified UTRAN event is the beginning of a particular frame (identified through its SFN) in the first detected path (in time) of the cell j CPICH, where cell j is a cell within the active set. The reference point for Tue-GPSj shall be the antenna connector of the UE.
Applicable for	Connected Intra, Connected Inter

## 5.2.9 UTRAN GPS Timing of Cell Frames for LCSUE positioning

Definition	T <sub>UTRAN-GPSj</sub> is defined as the time of the occurrence of a specified UTRAN event according to GPS Time Of Week. The specified UTRAN event is the beginning of the transmission of a
	particular frame in cell j (identified through its SFN), where cell j is a cell within the active set. The reference point for T <sub>UTRAN-GPSj</sub> shall be the Tx antenna connector.

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×	25.21	CR 08	<b>9</b> #	rev	<b>1</b> **	Current vers	3.6.0	ж
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Proposed change	affects:	€ (U)SIM	ME/UI	E <mark>X</mark> F	Radio A	ccess Networ	k X Core N	etwork
Title: ਮ	Correcti	on the TrCH	BLER meas	uremen	t			
Source:	TSG RA	N WG1						
Work item code: ₩	TEI					Date: ₩	24/05/2001	
Category:	Use <u>one</u> confiction of the second of the se	ddition of feat Inctional modi ditorial modific	a correction ir ure), ification of feat cation) f the above ca	ure)		2	R99 the following rel (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5)	
Reason for chang	e: % Amb	oiguity on ho	w to derive B	LER est	imation	inconsistenc	y with 34.108	
Summary of change Consequences if not approved:	ge: 郑 Expl 郑 <mark>Pote</mark>	icit description	on of BLER o	omputa	tion; cor lated to		applicability of setting;	f BLER.
Clauses affected:	¥ <mark>5.1.</mark> €	6						
Other specs affected:	<b>#</b>			Ж				
Other comments:	器 Thi	s CR is back	ward compa	tible wit	the 03	-2001version	of release 199	9.

- 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.

### 5.1.6 Transport channel BLER

Definition	Estimation of the transport channel block error rate (BLER). The BLER estimation shall be based
	on evaluating the CRC on of each transport block associated with the measured transport
	channel after RL combination. The BLER shall be computed over the measurement period as the
	ratio between the number of received transport blocks resulting in a CRC error and the number
	of received transport blocks.
	When either TFCI or guided detection is used, BLER estimation is only required the
	measurement "Transport channel BLER" may only be requested for a transport channels when
	the associated CRC size is non zero and at least one transport format in the associated transport
	format set includes at least one transport block.
	When neither TFCI nor guided detection is used, the measurement "Transport channel BLER"
	may only be requested for a transport channel when the associated CRC size is non zero and all
	transport formats in the associated transport format set include at least one transport block.
	using CRC. In case of no TFCI is used all transport formats of a transport channel shall use CRC
	to enable BLER estimation for this transport channel. In connected mode the BLER shall be
	possible to measure on any transport channel.
	The measurement "Transport channel BLER" does not apply to transport channels mapped on a
	S-CCPCH. The UE shall be able to perform the measurement "Transport channel BLER" on any
	transport channel configured such that the measurement "Transport channel BLER" can be
	requested as defined in this section.
	If requested in idle mode it shall be possible to measure the BLER on transport channel PCH.
Applicable for	Idle. Connected Intra

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Proposed change	affec	ts: #	(U)	SIM	ME	/UE	X	Radi	io Ac	cess N	Vetwo	rk X	Core	Ne	twork
Title:	g Co	rrection	n the T	rCH BL	ER me	easur	emer	it							
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Summary of chan	<i>ge:</i> ૠ	Explic	it desc	cription o	of BLE	R cor	nputa	ation	; cor	rection	to the	appli	cability	of	BLER.
Consequences if not approved:	ж			er-opera											
Clauses affected:	90	5.1.6													
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Other specs affected:	¥	Te	est spe	ore speci ecificatio ecification	ns	ns	¥								
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### 5.1.6 Transport channel BLER

Definition	Estimation of the transport channel block error rate (BLER). The BLER estimation shall be based on evaluating the CRC of each transport block associated with the measured transport channel after RL combination. The BLER shall be computed over the measurement period as the ratio between the number of received transport blocks resulting in a CRC error and the number of received transport blocks.  When either TFCI or guided detection is used, the measurement "Transport channel BLER" may only be requested for a transport channel when the associated CRC size is non zero and at least one transport format in the associated transport format set includes at least one transport block.  When neither TFCI nor guided detection is used, the measurement "Transport channel BLER" may only be requested for a transport channel when the associated CRC size is non zero and all transport formats in the associated transport format set include at least one transport block.  The measurement "Transport channel BLER" does not apply to transport channels mapped on a S-CCPCH. The UE shall be able to perform the measurement "Transport channel BLER" on any
	transport channel configured such that the measurement "Transport channel BLER" can be requested as defined in this section.  Estimation of the transport channel block error rate (BLER). The BLER estimation shall be based
	on evaluating the CRC on each transport block after RL combination. BLER estimation is only required for transport channels using CRC. In case of no TFCI is used all transport formats of a transport channel shall use CRC to enable BLER estimation for this transport channel. In connected mode the BLER shall be possible to measure on any transport channel. If requested
Applicable for	in idle mode it shall be possible to measure the BLER on transport channel PCH.  Idle, Connected Intra