

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

RP-010339

Title: Agreed CRs (R99 and Rel-4 Category A) to TS 25.225

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	25.225	026	1	R1-01-0631	Addition to the abbreviation list	R99	F	TEI	3.6.0	3.7.0
2	25.225	030	-	R1-01-0631	Addition to the abbreviation list	REL-4	A	TEI4	4.0.0	4.1.0
3	25.225	028	-	R1-01-0593	Renaming of LCS measurements	R99	F	TEI	3.6.0	3.7.0
4	25.225	029	-	R1-01-0594	Renaming of LCS measurements	REL-4	A	LCS1-UEpos	4.0.0	4.1.0

CHANGE REQUEST

⌘ **25.225 CR 026** ⌘ rev **1** ⌘ Current version: **3.6.0** ⌘

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

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Addition to the abbreviation list		
Source:	⌘ TSG RAN WG1		
Work item code:	⌘ TEI	Date:	⌘ May 22, 2001
Category:	⌘ F	Release:	⌘ R99
	<i>Use <u>one</u> of the following categories:</i> F (essential correction) A (corresponds to a correction in an earlier release) B (Addition of feature), C (Functional modification of feature) D (Editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900.		<i>Use <u>one</u> of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ Acronyms are used but not defined.		
Summary of change:	⌘ Definitions of acronyms are added to the abbreviation list.		
Consequences if not approved:	⌘ Incomplete abbreviation list.		

Clauses affected:	⌘ 3.		
Other specs affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘		

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.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://www.3gpp.org/specs/>. For the latest version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 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 Abbreviations

For the purposes of the present document, the following abbreviations apply:

<u>BCH</u>	<u>Broadcast Channel</u>
<u>BCCH</u>	<u>Broadcast Control Channel (GSM)</u>
BER	Bit Error Rate
BLER	Block Error Rate
<u>CFN</u>	<u>Connection Frame Number</u>
CPICH	Common Pilot Channel (FDD)
<u>CRC</u>	<u>Cyclic Redundancy Check</u>
<u>DCA</u>	<u>Dynamic Channel Allocation</u>
DCH	Dedicated Channel
DPCH	Dedicated Physical Channel
E_c/N_0	Received energy per chip divided by the power density in the band
FACH	Forward Access Channel
<u>FCCH</u>	<u>Frequency Correction Channel (GSM)</u>
<u>FDD</u>	<u>Frequency Division Duplex</u>
<u>GSM</u>	<u>Global System for Mobile Communication</u>
<u>GPS</u>	<u>Global Positioning System</u>
ISCP	Interference Signal Code Power
P-CCPCH	Primary Common Control Physical Channel
PCH	Paging Channel
PLMN	Public Land Mobile Network
PRACH	Physical Random Access Channel
<u>PDSCH</u>	<u>Physical Downlink Shared Channel</u>
<u>PUSCH</u>	<u>Physical Uplink Shared Channel</u>
RACH	Random Access Channel
RSCP	Received Signal Code Power
RSSI	Received Signal Strength Indicator
S-CCPCH	Secondary Common Control Physical Channel
SCH	Synchronisation Channel
<u>SF</u>	<u>Spreading Factor</u>
<u>SFN</u>	<u>System Frame Number</u>
SIR	Signal-to-Interference Ratio
<u>STTD</u>	<u>Space Time Transmit Diversity</u>
<u>TDD</u>	<u>Time Division Duplex</u>
<u>TDMA</u>	<u>Time Division Multiple Access</u>
<u>TrCH</u>	<u>Transport Channel</u>
<u>TTI</u>	<u>Transmission Time Interval</u>
UE	User Equipment
<u>UMTS</u>	<u>Universal Mobile Telecommunications System</u>
<u>USCH</u>	<u>Uplink Shared Channel</u>
<u>UTRA</u>	<u>UMTS Terrestrial Radio Access</u>
<u>UTRAN</u>	<u>UMTS Terrestrial Radio Access Network</u>

CR-Form-v3

CHANGE REQUEST

⌘ **25.225 CR 028** ⌘ rev **-** ⌘ Current version: **3.6.0** ⌘

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

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Renaming of LCS measurements		
Source:	⌘ TSG RAN WG1		
Work item code:	⌘ TEI	Date:	⌘ 2001-05-18
Category:	⌘ F	Release:	⌘ R99
Use <u>one</u> of the following categories: F (essential correction) A (corresponds to a correction in an earlier release) B (Addition of feature), C (Functional modification of feature) D (Editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900.		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)	

Reason for change:	⌘ In 25.302v3.8.0 RAN WG2 has changed the naming for related LCS measurements from LCS to UE positioning.		
Summary of change:	⌘ Rename the LCS related measurements to UE GPS Timing of Cell Frames for UE positioning and to UTRAN GPS Timing of Cell Frames for UE positioning.		
Consequences if not approved:	⌘ a) Naming of measurements in RAN WG1 and RAN WG2 is misaligned. b) Misalignment of TDD measurements with FDD measurements		

Clauses affected:	⌘ 5.1.13; 5.2.9		
Other specs Affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘		

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

5.1.13 UE GPS Timing of Cell Frames for [LCSUE positioning](#)

Definition	$T_{UE-GPSj}$ is defined as the time of occurrence of a specified UTRAN event according to GPS Time Of Week. 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 P-CCPCH. The reference point for $T_{UE-GPSj}$ shall be the antenna connector of the UE.
Applicable for	connected mode (intra-frequency, inter-frequency)

5.2.9 UTRAN GPS Timing of Cell Frames for [LCSUE positioning](#)

Definition	$T_{\text{UTRAN-GPS}}$ is defined as the time of 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 (identified through its SFN) transmitted in the cell. The reference point for $T_{\text{UTRAN-GPSj}}$ shall be the Tx antenna connector.
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CR-Form-v3

CHANGE REQUEST

⌘ **25.225 CR 029** ⌘ rev **-** ⌘ Current version: **4.0.0** ⌘

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

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Renaming of LCS measurements		
Source:	⌘ TSG RAN WG1		
Work item code:	⌘ LCS1-UEpos	Date:	⌘ 2001-05-18
Category:	⌘ A	Release:	⌘ REL-4
	Use <u>one</u> of the following categories: F (essential correction) A (corresponds to a correction in an earlier release) B (Addition of feature), C (Functional modification of feature) D (Editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900.		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ In 25.302v3.8.0 RAN WG2 has changed the naming for related LCS measurements from LCS to UE positioning.		
Summary of change:	⌘ Rename the LCS related measurements to UE GPS Timing of Cell Frames for UE positioning and to UTRAN GPS Timing of Cell Frames for UE positioning.		
Consequences if not approved:	⌘ a) Naming of measurements in RAN WG1 and RAN WG2 is misaligned. ⌘ b) Misalignment of TDD measurements with FDD measurements.		

Clauses affected:	⌘ 5.1.13; 5.2.9		
Other specs Affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘		

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5.1.13 UE GPS Timing of Cell Frames for [LCSUE positioning](#)

Definition	$T_{UE-GPSj}$ is defined as the time of occurrence of a specified UTRAN event according to GPS Time Of Week. 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 P-CCPCH. The reference point for $T_{UE-GPSj}$ shall be the antenna connector of the UE.
Applicable for	connected mode (intra-frequency, inter-frequency)

5.2.9 UTRAN GPS Timing of Cell Frames for [LCSUE positioning](#)

Definition	$T_{\text{UTRAN-GPS}}$ is defined as the time of 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 (identified through its SFN) transmitted in the cell. The reference point for $T_{\text{UTRAN-GPSj}}$ shall be the Tx antenna connector.
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CHANGE REQUEST

⌘ **25.225 CR 030** ⌘ rev **-** ⌘ Current version: **4.0.0** ⌘

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

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Addition to the abbreviation list		
Source:	⌘ TSG RAN WG1		
Work item code:	⌘ TEI4	Date:	⌘ May 22, 2001
Category:	⌘ A	Release:	⌘ REL-4
Use <u>one</u> of the following categories: F (essential correction) A (corresponds to a correction in an earlier release) B (Addition of feature), C (Functional modification of feature) D (Editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900.		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)	

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<u>GSM</u>	<u>Global System for Mobile Communication</u>
<u>GPS</u>	<u>Global Positioning System</u>
ISCP	Interference Signal Code Power
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PRACH	Physical Random Access Channel
<u>PDSCH</u>	<u>Physical Downlink Shared Channel</u>
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