

CR-Form-v5

CHANGE REQUEST

⌘ **25.331** CR ⌘ rev ⌘ Current version: **3.9.0** ⌘

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:	⌘ Corrections of UE Positioning requirements		
Source:	⌘ Nokia		
Work item code:	⌘ <input type="text"/>	Date:	⌘ 05-03-2002
Category:	⌘ F	Release:	⌘ R99
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Use <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:	⌘ UP measurements applicability to URA-PCH and CELL-PCH states are removed due uncompleted concept.
Summary of change:	⌘ Applicability to UP measurements in different RRC states clarified based in the task given in RAN#14. UTRAN measurement control in URA_PCH and CELL_PCH states are not included in rel-99. Isolated impact: No impact to terminal implementations, since aligns these definitions according physical layer definitions in rel-99. Removes uncompleted requirements from rel-99.
Consequences if not approved:	⌘ Physical layer procedures and requirements in TS.215 and TS 25.133 contradicts with definitions in TS 25.331 current text.

Clauses affected:	⌘ 8.4.1.6.7		
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘ <input type="text"/>	⌘ <input type="text"/>
Other comments:	⌘ Response LS from WG4 to WG2 (R4-020488)		

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://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.

8.4.1.6.7 UE positioning measurement

~~NOTE 1: Whether support for UE positioning measurement in CELL_PCH and URA_PCH states is mandatory or optional in Release '99 is FFS and pending ongoing work in TSG-RAN-WG2 and TSG-RAN-WG4.~~

The UE positioning in case of UTRAN measurement control procedures in CELL_PCH and URA_PCH states is not supported in Release '99.

NOTE 21: The applicability of UE positioning measurements in ~~CELL_PCH, URA_PCH and~~ CELL_FACH needs to be aligned in all relevant specifications.

Upon transition from CELL_DCH to CELL_FACH or CELL_PCH or URA_PCH state, the UE shall:

- retrieve each set of measurement control information of measurement type "UE positioning" stored in the variable MEASUREMENT_IDENTITY; and
- if the optional IE "measurement validity" for this measurement has not been included:
 - delete the measurement associated with the variable MEASUREMENT_IDENTITY.
- if the IE "measurement validity" for the measurement has been included, and the IE "UE state" has been assigned to value "CELL_DCH":
 - stop measurement reporting;
 - store the measurement associated with the variable MEASUREMENT_IDENTITY to be used after the next transition to CELL_DCH state.
- if the IE "measurement validity" for the measurement has been included, and the IE "UE state" has been assigned to value "all states":
 - continue measurement reporting.
- if the IE "measurement validity" has been included and the IE "UE state" has been assigned to value "all states except CELL_DCH":
 - resume this measurement and associated reporting;
- if the transition is due to a reconfiguration message which included the IE "Primary CPICH info" (for FDD) or "Primary CCPCH info" (for TDD), and the UE selects a cell other than that indicated by this IE; or
- if the transition is due to a reconfiguration message which does not include the IE "Primary CPICH info" (for FDD) or "Primary CCPCH info" (for TDD); or
- if the transition is not due to a reconfiguration message:
 - delete the assistance data included in the variable UE_POSITIONING_OTDOA_DATA_UE_BASED, UE_POSITIONING_OTDOA_DATA_UE_ASSISTED and UE_POSITIONING_GPS_DATA.
- if the IE "Positioning Methods" stored in the variable MEASUREMENT_IDENTITY is set to "OTDOA" or "OTDOA or GPS":
 - if the IE "Method type" stored in the variable MEASUREMENT_IDENTITY is set to "UE-based" or "UE assisted preferred but UE-based allowed" or "UE-based preferred but UE-assisted allowed":
 - begin monitoring assistance data received in System Information Block type 15.4 and System Information Block type 15.5 according to subclause 8.1.1.6.15.
 - if the IE "Method type" stored in the variable MEASUREMENT_IDENTITY is set to "UE-assisted":
 - begin monitoring assistance data received in System Information Block type 15.4 according to subclause 8.1.1.6.15.
- if the UE is in CELL_FACH state:

- if the IE "UE positioning OTDOA neighbour cell list for UE assisted" stored in the variable UE_POSITIONING_OTDOA_DATA_UE_ASSISTED or UE_POSITIONING_OTDOA_DATA_UE_BASED contains neighbour cells on other frequencies than the current frequency:
 - perform measurements on other frequencies according to the IE "FACH measurement occasion info".

The UE may:

- if the IE "Positioning Methods" stored in the variable MEASUREMENT_IDENTITY is set to "GPS" or "OTDOA or GPS":
- begin monitoring assistance data received in System Information Block type 15 and/or System Information Block type 15.1 and/or System Information Block type 15.2 and/or System Information Block type 15.3 according to subclause 8.1.1.6.15.