

TSG-RAN Meeting #27
Tokyo, Japan, 09-11 March 2005

RP-050066
Agenda item 8.3.4

Source: TSG-RAN WG2

Title: CR to 25.331 Rel-4 on OTDOA correction

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level	Workitem
25.331	2511	-	Rel-4	Correction of ASN.1 comment concerning OTDOA correction	F	4.16.0	4.17.0	R2-050594	TE14

CR-Form-v7

CHANGE REQUEST

25.331 CR 2511 # rev - # Current version: 4.g.0

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

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

Title:	# Correction of ASN.1 comment concerning OTDOA correction		
Source:	# RAN WG2		
Work item code:	# TEI4	Date:	# 15/02/2005
Category:	# F	Release:	# REL-4
	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 (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-4	(Release 4)
		Rel-5	(Release 5)
		Rel-6	(Release 6)

Reason for change:	# The comment introduced by CR 2466 to clarify the interoperability problems resulting from the removal of the v4b0 extension are unclear, incomplete while part of the clarification concerns UEs conforming to REL-5
Summary of change:	# The ASN.1 comments concerning the interoperability problems resulting from the removal of the v4b0 extension in MEASUREMENT CONTROL are corrected, mainly to highlight that REL-4 UEs not implementing CR 2466 (i.e. not conforming to a REL-4 version of the specification earlier than 4.h.0) may experience interoperability problems when operating in networks conforming to a later version
	<p style="text-align: center;">Isolated Impact Analysis</p> <p>Functionality corrected: Measurement Control Isolated impact statement: This CR has no direct impact on UE implementations (nor on UTRAN). The CR corrects the ASN.1 comments on the impact of CR 2466, which concerned a backwards incompatible ASN.1 change</p>
Consequences if not approved:	# The unclarity remains in the specification.

Clauses affected:	#				
Other specs	# <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> Other core specifications #	Y	N		
Y	N				

affected:

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 <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.

```

-- *****
--
-- MEASUREMENT CONTROL
--
-- *****

MeasurementControl ::= CHOICE {
  -- The Rel-4 functionality of UE Positioning OTDOA AssistanceData for TDD is only available
  -- in the later-than-r3 branch of this message (i.e. through the use of the IE
  -- ue-Positioning-OTDOA-AssistanceData-r4)
  r3 SEQUENCE {
    measurementControl-r3 MeasurementControl-r3-IEs,
    v390nonCriticalExtensions SEQUENCE {
      measurementControl-v390ext MeasurementControl-v390ext,
      v3a0NonCriticalExtensions SEQUENCE {
        measurementControl-v3a0ext MeasurementControl-v3a0ext,
        laterNonCriticalExtensions SEQUENCE {
          -- Container for additional R99 extensions
          measurementControl-r3-add-ext BIT STRING OPTIONAL,
          v4b0NonCriticalExtensions SEQUENCE{
            -- The REL-4 version of this specification included a non critical extension
            -- that was removed from version 4.h.0 onwards to align with REL-5
            -- If UTRAN sends the extension that has been removed to a UE conforming
            -- to this version of the specification, the UE behaviour is unspecified.
            -- Later non critical extensions sent to a UE conforming to a REL-4 version
            -- of the specification earlier than 4.h.0 may cause interoperability
            -- problems
            -- The content of the v4b0 non-critical extension has been removed. If sent
            -- to a UE of AS release 4, the UE behaviour is unspecified. A UE of AS
            release 5 onward shall comply with the v4b0 and later extensions in this
            branch of the message.
          }
        }
      }
    }
  },
  nonCriticalExtensions SEQUENCE {} OPTIONAL
} OPTIONAL
},
later-than-r3 SEQUENCE {
  rrc-TransactionIdentifier RRC-TransactionIdentifier,
  criticalExtensions CHOICE {
    r4 SEQUENCE {
      measurementControl-r4 MeasurementControl-r4-IEs,
      v4d0NonCriticalExtensions SEQUENCE {
        -- Container for adding non critical extensions after freezing REL-5
        measurementControl-r4-add-ext BIT STRING OPTIONAL,
        nonCriticalExtensions SEQUENCE {} OPTIONAL
      }
    }
  },
  criticalExtensions SEQUENCE {}
}
}

MeasurementControl-r3-IEs ::= SEQUENCE {
  -- User equipment IEs
  rrc-TransactionIdentifier RRC-TransactionIdentifier,
  -- Measurement IEs
  measurementIdentity MeasurementIdentity,
  -- TABULAR: The measurement type is included in MeasurementCommand.
  measurementCommand MeasurementCommand,
  measurementReportingMode MeasurementReportingMode OPTIONAL,
  additionalMeasurementList AdditionalMeasurementID-List OPTIONAL,
  -- Physical channel IEs
  dpch-CompressedModeStatusInfo DPCH-CompressedModeStatusInfo OPTIONAL
}

MeasurementControl-v390ext ::= SEQUENCE {
  ue-Positioning-Measurement-v390ext UE-Positioning-Measurement-v390ext OPTIONAL
}

MeasurementControl-v3a0ext ::= SEQUENCE {
  sfn-Offset-Validity SFN-Offset-Validity OPTIONAL
}

MeasurementControl-r4-IEs ::= SEQUENCE {
  -- Measurement IEs
  measurementIdentity MeasurementIdentity,
  -- TABULAR: The measurement type is included in measurementCommand.

```

```
    measurementCommand      MeasurementCommand-r4,  
    measurementReportingMode MeasurementReportingMode      OPTIONAL,  
    additionalMeasurementList AdditionalMeasurementID-List  OPTIONAL,  
-- Physical channel IEs  
    dpch-CompressedModeStatusInfo DPCH-CompressedModeStatusInfo  OPTIONAL  
}
```