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	TEI4

<div style="text-align:right">CR-Form-v7</div>

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 **X** 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 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 can		Rel-4 *(Release 4)*	
	be found in 3GPP TR 21.900.		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	
	Isolated Impact Analysis	
	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	

Consequences if not approved: ⌘	The unclarity remains in the specification.	

Clauses affected: ⌘		

		Y	**N**		
Other specs	⌘	☐	☐	Other core specifications	⌘

affected:			Test specifications	
			O&M Specifications	

Other comments: ⌘

```
-- **************************************************
--
-- 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
                }                       OPTIONAL
            }                       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
                }           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
}
```