TSG RAN Meeting #26 Vouliagmeni Athens, Greece, 08 - 10 December 2004

Title CRs (Rel-6 Category F) for correction of outdated ITU-T references in RAN3

specifications

Source TSG RAN WG3

Agenda Item 8.9

RAN3 Tdoc	Spec	curr. Vers.	new Vers.	CR	Rev	Cat	Rel	Title	Work item
R3-041615	25.413	6.3.0	6.4.0	719	-	F	Rel-6	outdated ITU-T reference	TEI6
R3-041616	25.419	6.1.0	6.2.0	133	-	F	Rel-6	outdated ITU-T reference	TEI6
R3-041617	25.423	6.3.0	6.4.0	1010	-	F	Rel-6	outdated ITU-T reference	TEi6
R3-041618	25.433	6.3.0	6.4.0	1056	-	F	Rel-6	outdated ITU-T reference	TEI6
R3-041619	25.453	6.6.0	6.7.0	76	=.	F	Rel-6	outdated ITU-T reference	TEI6

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- 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.
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[23]

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3GPP TS 29.108: "Application of the Radio Access Network Application Part (RANAP) on the

[38]

[24]	3GPP TS 29.002: "Mobile Application Part (MAP) specification".
[25]	GSM TS 12.20: "Base Station System (BSS) management information".
[26]	3GPP TS 23.236: "Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes".
[27]	3GPP TS 43.051: "3rd Generation Partnership Project; Technical Specification Group GSM/EDGE Radio Access Network; Overall description - Stage 2".
[28]	3GPP TS 25.305: "Stage 2 Functional Specification of Location Services (LCS) in UTRAN".
[29]	3GPP TS 43.059: "Functional stage 2 description of Location Services (LCS) in GERAN".
[30]	3GPP TS 22.071: "Location Services (LCS); Service description - Stage 1".
[31]	3GPP TR 25.994: "Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults".
[32]	3GPP TR 25.995: "Measures employed by the UMTS Radio Access Network (UTRAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface specification".
[33]	3GPP TS 23.195: "Provision of UE Specific Behaviour Information to Network Entities".
[34]	3GPP TS 49.031: "Location Services (LCS) – Base Station System Application Part LCS Extension – (BSSAP-LE)".
[35]	3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
[36]	3GPP TS 48.018: "General Packet Radio Service (GPRS); BSS GPRS Protocol (BSSGP)".
[37]	3GPP TS 32.421: "Subscriber and equipment trace: Trace concepts and requirements".

3GPP TS 32.422: "Subscriber and equipment trace: Trace control and Configuration Management"

RANAP shall use the ASN.1 Basic Packed Encoding Rules (BASIC-PER) Aligned Variant as transfer syntax as specified in ref. [13].

The following encoding rules apply in addition to what has been specified in X.691 [13]:

When a bitstring value is placed in a bit field as specified in 15.6 to 15.11 in [13], the leading bit of the bitstring value shall be placed in the leading bit of the bit field, and the trailing bit of the bitstring value shall be placed in the trailing bit of the bit field.

NOTE—When using the "bstring" notation, the leading bit of the bitstring value is on the left, and the trailing bit of the bitstring value is on the right. The term 'leading bit' is to be interpreted as equal to the term 'first bit' defined in [14].

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SABP shall use the ASN.1 Basic Packed Encoding Rules (BASIC-PER) Aligned Variant as transfer syntax as specified in ref. [9].

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[23] 3GPP TS 25.133: "Requirements for support of Radio Resource management (FDD)". [24] 3GPP TS 25.123: "Requirements for support of Radio Resource management (TDD)". 3GPP TS 23.032: "Universal Graphical Area Description (GAD)". [25] 3GPP TS 25.302: "Services Provided by the Physical Layer". [26] 3GPP TS 25.213: "Spreading and modulation (FDD)". [27] [28] 3GPP TR 25.921: "Guidelines and Principles for Protocol Description and Error Handling". GSM TS 05.05: "Digital cellular telecommunications system (Phase 2+); Radio transmission and [29] reception". ICD-GPS-200: "Navstar GPS Space Segment/Navigation User Interface". [30] RTCM-SC104: "RTCM Recommended Standards for Differential GNSS Service (v.2.2)". [31] [32] 3GPP TS 25.425: "UTRAN Iur and Iub Interface User Plane Protocols for Common Transport Channel data streams ". IETF RFC 2460 "Internet Protocol, Version 6 (IPv6) Specification". [33] IETF RFC 768 "User Datagram Protocol", (8/1980) [34] 3GPP TS 25.424: " UTRAN Iur Interface Data Transport & Transport Signalling for Common [35] Transport Channel Data Streams ". 3GPP TS 44.118: "Mobile radio interface layer 3 specification; Radio Resource Control (RRC) [36] Protocol Iu mode". 3GPP TR 43.930: "Iur-g interface; Stage 2". [37] 3GPP TS 48.008: "Mobile-services Switching Centre - Base Station System (MSC - BSS) [38] interface; Layer 3 specification". [39] 3GPP TS 43.051: "GSM/EGDE Radio Access Network; Overall description - Stage 2". 3GPP TS 25.401: "UTRAN Overall Description". [40] 3GPP TS 25.321: "MAC protocol specification". [41] 3GPP TS 25.306: "UE Radio Access capabilities". [42] [43] 3GPP TS 25.101: "User Equipment (UE) radio transmission and reception (FDD)". [44] IETF RFC 2474 "Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers". [45] IETF RFC 2475 "An Architecture for Differentiated Services". 3GPP TS 25.222: "Multiplexing and Channel Coding (TDD)". [46] [47] 3GPP TS 44.060: "General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/Medium Access Control (RLC/MAC) protocol".

3GPP TS 32.421: "Subscriber and equipment trace: Trace concepts and requirements".

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[48]

[49]

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[25]	3GPP TS 25.302: "Services Provided by the Physical Layer".
[26]	3GPP TR 25.921: "Guidelines and Principles for Protocol Description and Error Handling".
[27]	ICD-GPS-200: "Navstar GPS Space Segment/Navigation User Interface".
[28]	RTCM-SC104: "RTCM Recommended Standards for Differential GNSS Service (v.2.2)".
[29]	IETF RFC 2460 "Internet Protocol, Version 6 (IPv6) Specification".
[30]	IETF RFC 768 "User Datagram Protocol", (8/1980)
[31]	3GPP TS 25.434: "UTRAN Iub Interface Data Transport & Transport Signalling for Common Transport Channel Data Streams ".
[32]	3GPP TS 25.321: "MAC protocol specification".
[33]	3GPP TS 25.306: "UE Radio Access capabilities".
[34]	3GPP TS 25.222: "Multiplexing and Channel Coding (TDD)".
[35]	IETF RFC 2474 "Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers".
[36]	IETF RFC 2475 "An Architecture for Differentiated Services".

NBAP shall use the ASN.1 Basic Packed Encoding Rules (BASIC-PER) Aligned Variant as transfer syntax as specified in ref. [11].

The following encoding rules apply in addition to what has been specified in X.691 [11]:

When a bitstring value is placed in a bit field as specified in 15.6 to 15.11 in [11], the leading bit of the bitstring value shall be placed in the leading bit of the bit field, and the trailing bit of the bitstring value shall be placed in the trailing bit of the bit field.

NOTE—When using the "bstring" notation, the leading bit of the bitstring value is on the left, and the trailing bit of the bitstring value is on the right. The term 'leading bit' is to be interpreted as equal to the term 'first bit' defined in [12].

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Consequences if not approved:	The RAN3 TS will continue to refer to the superseded version Recommendations.	ons of the ITU-T								
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- 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.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

	[1]	3GPP TS 25.450: "UTRAN Iupc interface general aspects and principles".
	[2]	3GPP TS 25.451: "UTRAN Iupc interface layer 1".
	[3]	3GPP TS 25.452: "UTRAN Iupc interface signalling transport".
	[4]	3GPP TS 25.331: "Radio Resource Control (RRC) Protocol Specification".
	[5]	3GPP TS 25.401: "UTRAN Overall Description".
	[6]	3GPP TS 25.305: "Stage 2 functional specification of UE positioning in UTRAN".
	[7]	ITU-T Recommendation X.680 (12/9707/2002): "Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation".
	[8]	ITU-T Recommendation X.681 (12/9707/2002): "Information technology - Abstract Syntax Notation One (ASN.1): Information object specification".
	[9]	ITU-T Recommendation X.691 (12/9707/2002): "Information technology - ASN.1 encoding rules: Specification of Packed Encoding Rules (PER)".
	[10]	ICD-GPS-200: (12 April 2000) "Navstar GPS Space Segment/Navigation User Interface".
	[11]	3GPP TS 23.032: "Universal Geographical Area Description (GAD)".
	[12]	3GPP TR 25.921: "Guidelines and principles for protocol description and error handling".
	[13]	3GPP TS 25.133: "Requirements for support of Radio Resource management (FDD)".
	[14]	3GPP TS 25.123: "Requirements for support of Radio Resource management (TDD)".

PCAP shall use the ASN.1 Basic Packed Encoding Rules (BASIC-PER) Aligned Variant as transfer syntax, as specified in [9].

The following encoding rules apply in addition to what has been specified in X.691 [9]:

When a bitstring value is placed in a bit field as specified in 15.6 to 15.11 in [9], the leading bit of the bitstring value shall be placed in the leading bit of the bit field, and the trailing bit of the bitstring value shall be placed in the trailing bit of the bit field.

NOTE—When using the "bstring" notation, the leading bit of the bitstring value is on the left, and the trailing bit of the bitstring value is on the right. The term 'leading bit' is to be interpreted as equal to the term 'first bit' defined in [7].