TSG-Radio Access Network meeting #13 *RP-010689*
Beijing, 18th – 21st September 2001

Title:	Updated section 5.3.2 of Recommendation ITU-R M.1457
Source:	ITU-R Ad Hoc
AI:	8.5
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5.3.2 Detailed Specification of the Radio Interface

The standards contained in this Section are derived from the global core specifications for IMT-2000 contained at http://www.itu.int/brsg/ties/imt/rspc/imt-2000/indes.html.

NOTE 3 – The asterisks of the tables from §5.3.2.1.1 to §5.3.2.76.9 are as follows:

* The relevant SDOs should make their reference material available from their Web site.

** This information was supplied by the recognized external organizations and relates to their own deliverables of the transposed global core specification. ~~[To be included in this table, the recognized external organizations must have completed the transposition and publication process by 1 April 2000 before the ITU Radiocommunication Assembly in May 2000].~~

5.3.2.1 25.200 Series

5.3.2.1.1 25.201 Physical layer – General description

This specification describes the documents being produced by the 3GPP TSG RAN WG 1. This specification gives also general description of the physical layer of the UTRA radio interface.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.1.2 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

This specification describes the characteristics of the Layer 1 transport channels and physicals channels in the TDD mode of UTRA. The main objectives of the document are to be a part of the full description of the UTRA Layer 1, and to serve as a basis for the drafting of the actual technical specification (TS).

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					

	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.1.3 25.222 Multiplexing and channel coding (TDD)

This specification describes multiplexing, channel coding and interleaving for UTRA Physical Layer TDD mode.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.1.4 25.223 Spreading and modulation (TDD)

This document establishes the characteristics of the spreading and modulation in the TDD mode. The main objectives of the document are to be a part of the full description of the Layer 1, and to serve as a basis for the drafting of the actual technical specification (TS).

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					

	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.1.5 25.224 Physical Layer Procedures (TDD)

The present document describes the Physical Layer Procedures in the TDD mode of UTRA.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.1.6 25.225 Physical layer – Measurements (TDD)

This specification contains the description of the measurements done at the UE and network in order to support operation in idle mode and connected mode for TDD mode.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					

	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.2 25.300 Series

5.3.2.2.1 25.301 Radio Interface Protocol Architecture

The present document shall provide an overview and overall description of the UE-UTRAN radio interface protocol architecture. Details of the radio protocols will be specified in companion documents.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.2.2 25.302 Services provided by the Physical Layer

The present document is a technical specification of the services provided by the physical layer of UTRA to upper layers.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					

	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.2.3 25.303 Interlayer Procedures in Connected Mode

This document includes informative interlayer procedures to perform the required tasks.
This document attempts to provide a comprehensive overview of the different states and transitions within the connected mode of a UMTS terminal.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.2.4 25.304 UE procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode

The present document shall describe the overall idle mode process for the UE and the functional division between the non-access stratum and access stratum in the UE. The UE is in idle mode when the connection of the UE is closed on all layers, e.g. there is neither an MM connection nor an RRC connection.

This document presents also examples of inter-layer procedures related to the idle mode processes and describes idle mode functionality of a dual mode UMTS/GSM UE.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.2.5 25.305 Stage 2 Functional Specification of UE positioning in UTRAN (LCS)

This document specifies the stage 2 of the UE Positioning function of UTRAN, which provides the mechanisms to support the calculation of the geographical position of a UE.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.2.6 25.306 UE Radio Access capabilities definition

This document identifies the parameters of the access stratum part of the UE radio access capabilities. Furthermore, some reference configurations of these values are defined. The intention is that these configurations will be used for test specifications.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					

	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.2.7 25.307 Requirements on UE supporting a release-independent frequency band

This document specifies requirements on UEs supporting a frequency band that is independent of release. *[NOT APPROVED]*

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.2.~~8~~5 25.321 Medium Access Control (MAC) Protocol Specification

The scope of this description is the specification of the MAC protocol.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					

	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.2.96 25.322 Radio Link Control (RLC) Protocol Specification

The scope of this description is to describe the RLC protocol.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
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	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.2.10 25.323 Packet Data Convergence Protocol (PDCP) protocol

This document provides the description of the Packet Data Convergence Protocol (PDCP). PDCP provides its services to the NAS at the UE or the relay at the Radio Network Controller (RNC). PDCP uses the services provided by the Radio Link Control (RLC) sublayer.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
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	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					

	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.2.11 25.324 Broadcast/Multicast Control (BMC) Services

This document provides the description of the Broadcast/Multicast Control Protocol (BMC). This protocol adapts broadcast and multicast services on the radio interface.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.2.12~~7~~ 25.331 Radio Resource Control (RRC) Protocol Specification

The scope of this specification is to describe the Radio Resource Control protocol for the 3GPP radio system. The scope of this Specification contains also the information to be transported in a transparent container between source RNC and target RNC in connection to SRNC relocation.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
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	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					

	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3 25.400 Series

5.3.2.3.1 25.401 UTRAN Overall Description

This document describes the overall architecture of the UTRAN, including internal interfaces and assumptions on the radio and Iu interfaces.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
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	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.2 25.402 Synchronization in UTRAN Stage 2

This document constitutes the stage 2 specification of different synchronisation mechanisms in UTRAN and on Uu.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					

	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.~~32~~ 25.410 UTRAN Iu Interface: General Aspects and Principles

The present document is an introduction to the 25.41x series of Technical Specifications that define the Iu interface for the interconnection of Radio Network Controller (RNC) component of the UTRAN to the Core Network.

Release 99		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.~~43~~ 25.411 UTRAN Iu interface Layer 1

The present document specifies the standards allowed to implement Layer 1 on the I_u interface. The specification of transmission delay requirements and O&M requirements are not in the scope of this document.

Release 99		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					

	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.54 25.412 UTRAN Iu interface signalling transport

The present document specifies the standards for user data transport protocols and related signalling protocols to establish user plane transport bearers.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.~~65~~ 25.413 UTRAN Iu Interface: RANAP Signalling

Specifies the signalling between the CN and the UTRAN over the Iu interface.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.76 25.414 UTRAN Iu interface data transport and transport signalling

The present document specifies the standards for user data transport protocols and related signalling protocols to establish user plane transport bearers.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.87 25.415 UTRAN Iu interface user plane protocols

This Technical Specification defines the protocols being used to transport and control over the Iu interface, the Iu User Data Streams.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.9 25.419 UTRAN Iu interface: Cell broadcast protocols between SMS-CBC and RNC

This document specifies the Service Area Broadcast Protocol (SABP) between the Cell Broadcast Centre (CBC) and the Radio Network Controller (RNC).

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.~~8~~10 25.420 UTRAN Iur Interface: General Aspects and Principles

The present document is an introduction to the TSG RAN TS 25.42x series of Technical Specifications that define the Iur Interface. It is a logical interface for the interconnection of two Radio Network Controller (RNC) components of the UTRAN.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					

	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.119 25.421 UTRAN Iur interface Layer 1

The present document specifies the standards allowed to implement Layer 1 on the I_{ur} interface. The specification of transmission delay requirements and O&M requirements are not in the scope of this document.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.120 25.422 UTRAN Iur interface signalling transport

The present document specifies the standards for user data transport protocols and related signalling protocols to establish user plane transport bearers.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					

	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.131 25.423 UTRAN Iur Interface: RNSAP Signalling

The present document specifies the radio network layer signalling procedures between RNCs in UTRAN.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.142 25.424 UTRAN Iur interface data transport and transport signalling for Common Transport Channel data streams

This document shall provide a description of the UTRAN RNS-RNS (Iur) interface Data Transport and Transport Signalling for Common Transport Channel data streams.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.153 25.425 UTRAN Iur interface user plane protocols for Common Transport Channel data streams

This document shall provide a description of the UTRAN RNS-RNS (Iur) interface user plane protocols for Common Transport Channel data streams.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.164 25.426 UTRAN Iur & Iub interface data transport & transport signalling for DCH data streams

The scope of this Technical Specification is to specify the transport bearers for the DCH data streams on UTRAN Iur and Iub interfaces. The corresponding Transport Network Control plane is also specified. The physical layer for the transport bearers is outside the scope of this TS.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.175 25.427 UTRAN Iur & Iub interface user plane protocol for DCH data streams
This document shall provide a description of the UTRAN Iur and Iub interfaces user plane protocols for Dedicated Transport Channel data streams.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.186 25.430 UTRAN Iub Interface: General Aspects and Principles
The present document is an introduction to the TSG RAN TS 25.43x series of UMTS Technical Specifications that define the Iub Interface. The Iub interface is a logical interface for the interconnection of Node B and Radio Network Controller (RNC) components of the UTRAN.

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**	ETSI					
	T1					

	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.197 25.431 UTRAN Iub interface Layer 1

The present document specifies the standards allowed to implement Layer 1 on the I_{ub} interface. The specification of transmission delay requirements and O&M requirements is not in the scope of this document.

Release 99		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.3.2018 25.432 UTRAN Iub interface signalling transport

The present document specifies the signalling transport related to NBAP signalling to be used across the Iub Interface. The Iub interface is a logical interface for the interconnection of Node B and Radio Network Controller (RNC) components of the UTRAN. The radio network control signalling between these nodes is based on the Node B application part (NBAP).

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.3.219 25.433 UTRAN Iub Interface: NBAP Signalling

The present document specifies the standards for NBAP specification to be used over Iub Interface.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.3.220 25.434 UTRAN Iub interface data transport and transport signalling for Common Transport Channel data streams

This document shall provide a description of the UTRAN RNC-Node B (Iub) interface Data Transport and Transport Signalling for CCH data streams.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.3.231 25.435 UTRAN Iub interface user plane protocols for Common Transport Channel data streams

This document shall provide a description of the UTRAN RNC-Node B (Iub) interface user plane protocols for Common Transport Channel data streams.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					

	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.3.242 25.442 UTRAN Implementation Specific O&M Transport

The present document specifies the transport of implementation specific O&M signalling between Node B and the Management Platform in case that the transport is routed via the RNC.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.3.25 25.450 UTRAN Iupc interface general aspects and principles

The present document is an introduction to the TSG RAN TS 25.45z series of UMTS Technical Specifications that define the Iupc Interface. The Iupc interface is a logical interface for the interconnection of Standalone A-GPS SMLC (SAS) and Radio Network Controller (RNC) components of the Universal Terrestrial Radio Access Network (UTRAN) for the UMTS system.

Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ARIB					
	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 1, § 5.1.2.

5.3.2.3.26 25.451 UTRAN Iupc Interface Layer 1

The present document specifies the standards allowed to implement Layer 1 on the Iupc interface.

Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ARIB					
	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 1, § 5.1.2.

5.3.2.3.27 25.452 UTRAN Iupc Interface: Signalling Transport

The present document specifies the signalling transport related to PCAP signalling to be used across the Iupc interface. *[NOT APPROVED]*

Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ARIB					
	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 1, § 5.1.2.

5.3.2.3.2~~8~~5 25.453 UTRAN Iupc interface PCAP signalling

The present document specifies the *Positioning Calculation Application Part (PCAP)* between the Radio Network Controller (RNC) and the Stand-alone A-GPS SMLC (SAS).

Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.4 25.100 Series

5.3.2.4.1 25.102 UE Radio transmission and reception (TDD)

~~This document establishes the minimum RF characteristics of the TDD mode of UTRA for the User Equipment (UE).~~ This document establishes the minimum RF characteristics of the UTRA User Equipment (UE) operating in the TDD mode. The values in the TS make no allowance for measurement uncertainty in conformance testing. Test limits to be used for conformance testing are specified separately in the UE conformance test specifications TS 34.122.

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**	ETSI					
	T1					
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	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					

	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.4.2 25.123 Requirements for Support of Radio Resource Management (TDD)

This Technical Specification shall describe the requirements for support of Radio Resource Management for TDD including requirements on measurements in UTRAN and the UE as well as on node dynamic behaviour and interaction, in terms of delay and response characteristics.

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**	ETSI					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.4.3 25.105 BTS Radio transmission and reception (TDD)

This document establishes the minimum RF characteristics of the TDD mode of UTRA. The values in the TS make no allowance for measurements uncertainties in conformance testing. Test limit to be used for conformance testing are specified separately in the base station conformance test Specification TS 25.142.

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**	ETSI					
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**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.4.4 25.142 Base station conformance testing (TDD)

The present document specifies the Radio Frequency (RF) test methods and conformance requirements for UTRA Base Transceiver Stations (BTS) operating in the TDD mode. These have been derived from, and are consistent with, the core UTRA specifications specified in the requirements reference subclause of each test. The maximum acceptable measurement uncertainty is specified in the TS for each test, where appropriate.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
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	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.4.5 C302 UE conformance testing

The specification describes the document being produced by the CWTS.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.4.6 25.113 Base station EMC[10]

The present document covers the assessment of base stations and associated ancillary equipment in respect of ElectroMagnetic Compatibility (EMC).

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
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	CWTS					
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**	ETSI					

[10] This Specification does not include the antenna port immunity and emissions.

	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.4.7 C404 UE and BTS EMC

This Technical Specification shall describe RF EMC parameters and Requirements for both UE and BTS in TD-SCDMA radio system.

Release 99		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.5 34.100 Series

5.3.2.5.1 34.108 Common Test Environments for User Equipment (UE) Conformance Testing

This document contains definitions of reference conditions and test signals, default parameters, reference Radio Bearer configurations, common requirements for test equipment and generic set-up procedures for use in UE conformance tests.

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**	ETSI					
	T1					
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Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					

	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.5.2 34.109 Logical Test Interface (TDD and FDD)

This document specifies for User Equipment (UE), in UMTS system, for FDD and TDD modes, those UE functions that are required for conformance testing purposes.

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**	ETSI					
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Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.5.~~3~~1 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

This document specifies the Radio Frequency (RF) test methods and conformance requirements for UTRA User Equipment (UE) operating in the TDD mode. These have been derived from, and are consistent with, the core UTRA specifications. The maximum acceptable measurement uncertainty is specified in the TS for each test, where appropriate.

Release 99		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

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**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.5.4 34.123-1 UE Conformance Specification, Part 1- Conformance specification

This document specifies the protocol conformance testing for the 3rd Generation User Equipment (UE). This is the first part of a multi-part test specification.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
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	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.5.5 34.123-2 UE Conformance Specification, Part 2- ICS

This document provides the Implementation Conformance Statement (ICS) proforma for 3rd Generation User Equipment (UE), in compliance with the relevant requirements, and in accordance with the relevant guidance given in ISO/IEC 9646-7 and ETS 300 406. This document also specifies a recommended applicability statement for the test cases included in TS 34.123-1. These applicability statements are based on the features implemented in the UE.

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**	ETSI					
	T1					
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	CWTS					
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**	ETSI					
	T1					

	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.5.6 34.123-3 UE Conformance Specification, Part 3- Abstract Test suites

This document specifies the protocol conformance testing in TTCN for the 3GPP User Equipment (UE) at the Uu interface. The document is the 3rd part of a multi-part test specification, TS 34.123. *[NOT APPROVED]*

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**	ETSI					
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**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
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	TTA					
	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.5.7 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

This document establishes the essential EMC requirements for "3rd generation" digital cellular mobile terminal equipment and ancillary accessories in combination with a 3GPP user equipment (UE).

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**	ETSI					
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	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
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	CWTS					

*, **: see Note 3, § 5.3.2

5.3.2.65 Core Network Aspects

5.3.2.65.1 23.108 Mobile Radio Interface Layer 3 specification Core Network Protocols stage 2

This specification shall specify the procedures used at the radio interface for Call Control (CC), Mobility Management (MM) and Session Management (SM). It shall hold examples of the structured procedures.

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**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
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	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.65.2 23.110 UMTS Access Stratum; Services and Functions

This document shall be the basis of the detailed specifications of the protocols which rule the information flows, both control and user data, between the Access Stratum and the parts of UMTS outside the Access Stratum, and of the detailed specifications of the UTRAN. These detailed specifications are to be found in other Technical Specifications.

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**	ETSI					
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	CWTS					
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**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
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	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.65.3 23.1022 Functions related to Mobile Stations (MS) in idle mode and group receive mode

This specification shall give an overview of the tasks undertaken by a Mobile Station (MS) when in idle mode, that is, switched on but not having a dedicated channel allocated, e.g. not making or receiving a call, or when in group receive mode, that is, receiving a group call or broadcast call but not having a dedicated connection. It also describes the corresponding network functions.

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	T1					
	TTA					

*,**: see Note 3, § 5.3.2.

5.3.2.65.4 24.007 Mobile Radio Interface Signalling Layer 3 - General Aspects

This Technical Specification (TS) defines the principal architecture of layer 3 and its sublayers on the GSM Um interface, i.e. the interface between Mobile Station (MS) and network; for the CM sublayer, the description is restricted to paradigmatic examples, call control, supplementary services, and short message services for non-GPRS services. It also defines the basic message format and error handling applied by the layer 3 protocols.

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**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					

	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
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	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.65.5 24.008 Mobile Radio Interface Layer 3 specification; Core Network Protocols - Stage 3

This specification shall specify the procedures used at the radio interface for Call Control (CC), Mobility Management (MM) and Session Management (SM).
The procedures currently described are for the call control of circuit-switched connections, session management for GPRS services, mobility management and radio resource management for circuit-switched and GPRS services.

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**	ETSI					
	T1					
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**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.65.6 24.011 Point-to-Point (PP) Short Message Service (SMS); support on mobile radio interface

This Specification specifies the procedures used across the mobile radio interface by the signalling layer 3 function Short Message Control (SMC) and Short Message Relay function (SM-RL) for both circuit switched GSM and GPRS.

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**	ETSI					
	T1					
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**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

~~5.3.2.65.7 24.012 Short Message Cell Broadcast; Support on Mobile Radio Interface~~

~~This document describes how the Short Message Service Cell Broadcast (SMSCB) is supported over the mobile radio interface.~~

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
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	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.65.78 23.060 General Packet Radio Service (GPRS) Service description - Stage 2

This document shall provide a general overview over the GPRS Architecture as well as a more detailed overview of the MS - Core Network protocol architecture. Details of the protocols will be specified in companion documents.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
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	CWTS					
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**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.~~65~~.89 ~~24~~.022 Radio Link Protocol (RLP) for Circuit switched bearer and television

This Specification shall specify the Radio Link Protocol (RLP) for data transmission over the UMTS PLMN. RLP covers the Layer 2 functionality of the ISO OSI Reference Model (IS 7498). It is based on ideas contained in IS 3309, IS 4335 and IS 7809 (HDLC of ISO) as well as ITU-T Recommendations X.25, Q.921 and Q.922 (LAP-B and LAP-D of CCITT, respectively). RLP has been tailored to the special needs of digital radio transmission. RLP provides to its users the OSI Data Link Service (IS 8886).

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**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.6~~5~~.9~~10~~ 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

In this specification the general aspects of the specification of supplementary services at the layer 3 radio interface shall be given. Details will be specified in other documents.

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**	ETSI					
	T1					
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	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.65.101 24.080 Mobile radio interface Layer 3 Supplementary Service specification - Formats and coding

This Technical Specification shall contain the coding of information necessary for support of supplementary service operation on the mobile radio interface layer 3. Details will be specified in other documents.

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**	ETSI					
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**	ETSI					
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	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
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	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.76 Terminal Aspects

5.3.2.76.1 21.111 USIM and IC Card Requirements

This document defines the requirements of the USIM (Universal Subscriber Identity Module) and the IC card (UICC. These are derived from the service and security requirements defined in the respective specifications. The document is the basis for the detailed specification of the USIM and the UICC, and the interface to the terminal.

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**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.76.2 23.038 Alphabets and Language specific information

This TS defines the language-specific requirements for the terminals including character coding.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.76.3 23.040 Technical realization of the Short Message Service (SMS)

This TS describes the point-to-point Short Message Service (SMS).

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.76.4 23.041 Technical realization of Cell Broadcast Service (CBS)

This TS describes the point-to-multipoint Cell Broadcast Service (CBS).

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.76.5 23.042 Compression algorithm for text messaging services

This TS describes the compression algorithm for text messaging services.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.76.6 27.005 Use of Data Terminal Equipment - Data Circuit terminating; Equipment (DTE-DCE) interface for Cell Broadcast Service (CBS)

This TS defines three interface protocols for control of SMS functions within a GSM mobile telephone from a remote terminal via an asynchronous interface.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.76.7 27.007 AT command set for the User Equipment (UE)

This TS specifies a profile of AT commands and recommends that this profile be used for controlling Mobile Equipment (ME) functions and GSM network services from a Terminal Equipment (TE) through Terminal Adaptor (TA).

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.76.8 27.010 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

This TS defines a multiplexing protocol between a mobile station and an external data terminal for the purposes of enabling multiple channels to be established for different purposes (e.g. simultaneous SMS and data call).

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.76.9 27.103 Wide Area Network Synchronization Standard

This specification provides a definition of a Wide Area Synchronization protocols. The synchronization protocol is based upon IrMC Level 4.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		Doc. Number	Version	Status	Issued Date	Location*
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.87 System Aspects

IMT-2000 CDMA TDD Specification also includes the following documents which are useful and related to this Recommendation.
See Sections from 5.1.2.87.1 to 5.1.2.87.646.

5.3.2.98 Vocabulary

5.3.2.98.1 25.9905 Vocabulary

Document 25.9905 is a collection of terms and abbreviations related to the baseline documents defining the objectives and systems framework. This document provides a tool for further work on the technical documentation and facilitates their understanding.

Release 99		Doc. Number	Version	Status	Issued Date	Location*
**	ARIB					
	ETSI					
	T1					
	TTA					
	CWTS					
Release 4		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					
Release 5		**Doc. Number**	**Version**	**Status**	**Issued Date**	**Location***
**	ETSI					
	T1					
	TTA					
	CWTS					

*,**: see Note 3, § 5.3.2.

5.3.2.109 SDO's Complete System Standard

SDO	Location (Release 99)
CWTS	
ETSI	
TTA	
SDO	Location (Release 4)
CWTS	
ETSI	
TTA	
SDO	Location (Release 5)
CWTS	
ETSI	
TTA	