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TRANSPORT CHANNEL Data Streams V0.2.1

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*Editor's Note : Revision marks show the changes based on decisions at the last meeting.
These changes have not yet been approved in RAN WG3*

3GPP

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Foreword

This Technical Specification (TS) has been produced by the 3rd Generation Partnership Project (3GPP). The contents of this TS are subject to continuing work within 3GPP TSG RAN and may change following formal TSG RAN approval. Should the TSG modify the contents of this TS, it will be re-released with an identifying change of release date and an increase in version number as follows:

Version m.t.e

where:

- m indicates [major version number]
- x the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- y the third digit is incremented when editorial only changes have been incorporated into the specification.

Introduction

*This clause is optional. If it exists, it is always the third unnumbered clause.
No text block identified.*

1 Scope

This document shall provide a description of the UTRAN RNC-Node B(Iub) interface user plane protocols for Common Transport Channel data streams as agreed within the TSG-RAN working group 3.

Note : by Common Transport Channel one must understand RACH, FACH and DSCH.

2 References

References may be made to:

- a) specific versions of publications (identified by date of publication, edition number, version number, etc.), in which case, subsequent revisions to the referenced document do not apply;
- b) all versions up to and including the identified version (identified by "up to and including" before the version identity);
- c) all versions subsequent to and including the identified version (identified by "onwards" following the version identity); or
- d) publications without mention of a specific version, in which case the latest version applies.

A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

[1] Merged version of Iub interface Description

Editor's Note : [1] is a temporary reference only to ease the definition of what should be in the different sections of this document.

3 Definitions, symbols and abbreviations

3.1 Definitions

[Editor's note: For list of definitions, see [1]. Only definitions specific to this document are listed below, in order to avoid inconsistency between documents. When list is stable, definitions relevant for this document should be extracted.]

3.2 Symbols

3.3 Abbreviations

[Editor's note: For list of abbreviations, see [1]. Only abbreviations specific to this document are listed below, in order to avoid inconsistency between documents. When list is stable, abbreviations relevant for this document should be extracted.]

4 General aspects

4.1 Common Transport Channel Data Stream User Plane Protocol Services

4.1.1 RACH/FACH Data Streams User Plane Protocol Services

[Editor's Note: This chapter describes the services that the User Plane Protocols provide such as data transfer, flow control, etc.]

4.1.2 Downlink Shared Channels Data Streams User Plane Protocol Services

[Editor's Note: This chapter describes the services that the User Plane Protocols provide such as data transfer, flow control, etc.]

4.1.3 TDD — Uplink Shared Channels Data Streams User Plane Protocol Services

[Editor's Note: This chapter describes the services that the User Plane Protocols provide such as data transfer, flow control, etc.]

4.2 Services expected from data transport

5 Frame Structure and Coding

5.1 Data frame structure

5.1.1 RACH/FACH Channels

5.1.2 Downlink Shared Channels

5.1.3 [\[TDD — Uplink Shared Channels\]](#)

5.2 Control frame structure

5.2.1 RACH/FACH Channels

5.2.2 Downlink Shared Channels

5.2.3 [\[TDD — Uplink Shared Channels\]](#)

5.3 Coding

6 Data Streams User Plane Procedures

[Editor's Note: This chapter specifies the user plane procedures for RACH/FACH data streams. Typical related scenarios at Iub interface should be described.]

6.1 Data Transfer

6.1.1 RACH/FACH Channels

6.1.2 Downlink Shared Channels

6.1.3 [\[TDD — Uplink Shared Channels\]](#)

6.2 Flow Control

6.2.1 RACH/FACH Channels

6.2.2 Downlink Shared Channels

6.2.3 [\[TDD — Uplink Shared Channels\]](#)

7 Bibliography

Appendices

Annex A Document Stability Assessment Table

Section	Content missing	Incomplete	Restructuring needed	Checking needed	Editorial work required	Finalisation needed	Almost stable	Stable
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1					√			
2					√			
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4	√							
5	√							
6	√							
7	√							

History

Document history		
Edition x	<MMMM yyyy>	Publication as <old doctype> <old docnumber>
0.0.1	February 1999	Proposal for document structure.
0.0.2	February 1999	Renaming of section 4.1, 5.1 and 6.1 to RACH/FACH instead of common channels.
0.0.3	March 1999	<ul style="list-style-type: none"> Alignment of document structure to the structure of S3.25 Renaming of CCH to Common Transport Channel.
0.1.0	April 1999	Mail Approval of version 0.0.3 by TSG RAN WG3.
0.1.1	May 1999	Addition of Document Stability Assessment Table
0.2.0	June 1999	Approval of 0.1.1 by 3GPP TSG RAN WG3. Version raised to 0.2.0
<u>0.2.1</u>	<u>June 1999</u>	<p><u>Revised according to the decisions of 3GPP TSG RAN WG3 Meeting #4</u></p> <ul style="list-style-type: none"> <u>Creation of sections related to USCH (sections 4.1.3, 5.1.3, 5.2.3, 6.1.3 and 6.2.3) from Tdoc R3-99497</u>
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This document is written in Microsoft Word version 7/97.		