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Technical Specification

3rd Generation Partnership Project (3GPP);
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UTRAN I_{ur} Interface Data Transport & Transport Signalling for Common Transport Channel Data Streams [UMTS <spec>]

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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.

0 Scope

This document shall provide a description of the UTRAN RNS-RNS (Iur) interface Data Transport and Transport Signalling for Common Transport Channel data streams as agreed within the TSG-RAN working group 3.

0 References

References may be made to:

0 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;

1 all versions up to and including the identified version (identified by "up to and including" before the version identity);

2 all versions subsequent to and including the identified version (identified by "onwards" following the version identity); or

3 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.

0 Definitions, symbols and abbreviations

0.0._._._._._._?_? 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.]*

Common Transport Channels are defined as transport channels that are shared by several users i.e. RACH, FACH and DSCH.

0.0._._._._._._?_? Symbols

0.0._._._._._._?_? 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.]

3.4 Notation

[Editor´s note: This text has been copied from [1].]

Parts of the document apply only to one mode, FDD or TDD. Any such area will be tagged by [FDD — xxxxxxxxx], or [TDD — yyyyyyyyyyy], respectively. The tag applies to the text until the closing bracket.

0 I_{ur} Data Transport for Common Transport Channel Data Streams

[Editor's Note: This chapter specifies the transport layers that support Common Channels (FACH, RACH, DSCH) data streams. Limitations in usage of options of the protocol should be described. Requirements should be given in the S3.25.]

0.0._._._._._._?_? Introduction

0.0._._._._._._?_? Transport Layer

The transport bearer for Iur RACH/FACH/DSCH data streams is FFS.

0 I_{ur} Transport Signalling for Common Transport Channel Data Streams

[Editor's Note: This chapter specifies the transport signalling protocol(s) used to establish the user plane transport bearers. Limitations in usage of options of the protocol should be described]

0.0._._._._._._?_? Introduction

0.0._._._._._._?_? Transport Signalling

The AAL Type 2 Signalling Protocol (Q.aal2) developed by ITU SG11 [8] and [9] will be used for establishment of AAL2-connections over the Iur interface.

0 Signalling Bearer for Transport Signalling on I_{ur} Interface

[Editor's Note: This chapter specifies the signalling bearer protocol stack that supports the transport signalling protocol(s). Limitations in usage of options of the protocol should be described]

0.0._._._._._._?_? Introduction

0.0._._._._._._?_? Signalling Bearer

MTP3/SAAL-NNI is used as Signalling Bearer for Q.aal2 as shown in the figure below:

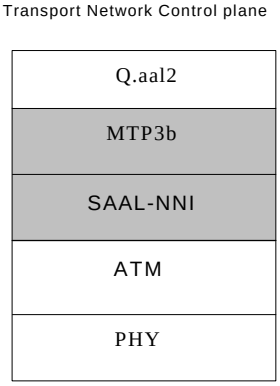

Figure 6-1: Signalling bearer for Q.aal2 on Iur.

0 Bibliography

0 History

Document history		
0.0.1	February 1999	Document structure proposal
0.0.2	February 1999	Introduction of the related content of Merged description of Iur interface.
0.0.3	March 1999	Revision bars removed. Modifications of the title. Replacement of CCH by "Common Transport Channel".
0.0.4	April 1999	Removal of temporary reference to merged Iur specification.
0.1.0	April 1999	Removal of revision bars

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