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**3<sup>rd</sup> Generation Partnership Project (3GPP);  
Technical Specification Group (TSG)  
Radio Access Network (RAN);  
Working Group 1 (WG1);  
Physical channels and mapping of transport channels onto  
physical channels (FDD)**



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## Intellectual Property Rights

<IPR notice shall be provided once correct notice is available within 3GPP>

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## Foreword

This Technical Specification has been produced by the 3GPP.

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of this TS, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version 3.y.z

where:

- x the first digit:
  - 1 presented to TSG for information;
  - 2 presented to TSG for approval;
  - 3 Indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the specification;

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## 1 Scope

This specification describes the characteristics of the Layer 1 transport channels and physical channels in the FDD 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).

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## 2 References

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

<Editor's Note: Relevant references should be discussed>

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- [1] TS 25.201 (V2.0.0): “Physical layer - general description”
- [2] TS S1.02 (V1.0.0): “UE physical layer capabilities”
- [3] TS 25.211 (V2.0.0): “Physical channels and mapping of transport channels onto physical channels (FDD)”
- [4] TS 25.212 (V1.0.0): “Multiplexing and channel coding (FDD)”
- [5] TS 25.213 (V2.0.0): “Spreading and modulation (FDD)”
- [6] TS 25.214 (V1.0.0): “Physical layer procedures (FDD)”
- [7] TS 25.221 (V1.0.0): “Transport channels and physical channels (TDD)”
- [8] TS 25.222 (V1.0.0): “Multiplexing and channel coding (TDD)”
- [9] TS 25.223 (V2.0.0): “Spreading and modulation (TDD)”
- [10] TS 25.224 (V1.0.0): “Physical layer procedures (TDD)”
- [11] TS 25.231 (V0.2.0): “Measurements”
- [12] TS 25.301 (V3.0.0): “Radio Interface Protocol Architecture”

## 3 Definitions, symbols and abbreviations

### 3.1 Definitions

For the purposes of the present document, the [following] terms and definitions [given in ... and the following] apply.

<defined term>: <definition>.

**example:** text used to clarify abstract rules by applying them literally.

### 3.2 Symbols

For the purposes of the present document, the following symbols apply:

<symbol>      <Explanation>

### 3.3 Abbreviations

For the purposes of the present document, the following abbreviations apply:

<ACRONYM>   <Explanation>

AICH	Acquisition Indication Channel
BCH	Broadcast Channel
CCPCH	Common Control Physical Channel
CPCH	Common Packet Channel
DCH	Dedicated Channel
DPCCH	Dedicated Physical Control Channel
DPCH	Dedicated Physical Channel
DPDCH	Dedicated Physical Data Channel
DSCH	Downlink Shared Channel
FACH	Forward Access Channel
FAUSCH	Fast Uplink Signalling Channel
FBI	Feedback Information
MUI	Mobile User Identifier

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