

TSG-RAN Working Group 1 meeting #12  
Seoul, Korea  
April 10 –13, 2000

***TSGR1#12(00)0463***

**Agenda item:** AH 1  
**Source:** InterDigital Communications Corporation  
**Title:** Editorial change in 25.221  
**Document for:** Decision

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This CR proposes an editorial change to align definitions of transport channels with FDD specification in 25.211. Also, this proposal aligns the paragraph layout in section 4 to match that of FDD 25.211..

# CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

**25.221 CR 019**

Current Version: **3.2.0**

GSM (AA.BB) or 3G (AA.BBB) specification number ↑

↑ CR number as allocated by MCC support team

For submission to: **RAN #8**  
 list expected approval meeting # here ↑

for approval   
 for information

strategic   
 non-strategic  (for SMG use only)

Form: CR cover sheet, version 2 for 3GPP and SMG The latest version of this form is available from: <http://ftp.3gpp.org/Information/CR-Form-v2.doc>

**Proposed change affects:** (U)SIM  ME  UTRAN / Radio  Core Network   
 (at least one should be marked with an X)

**Source:** InterDigital Comm. Corp. **Date:** 28, March 2000

**Subject:** Editorial changes in Transport Channels section

**Work item:** TS 25.221

**Category:** F Correction   
 A Corresponds to a correction in an earlier release   
 B Addition of feature   
 C Functional modification of feature   
 D Editorial modification   
 (only one category shall be marked with an X)

**Release:** Phase 2   
 Release 96   
 Release 97   
 Release 98   
 Release 99   
 Release 00

**Reason for change:** Alignment with FDD specification 25.211

**Clauses affected:** 4.

**Other specs affected:**

Other 3G core specifications	<input type="checkbox"/>	→ List of CRs:	
Other GSM core specifications	<input type="checkbox"/>	→ List of CRs:	
MS test specifications	<input type="checkbox"/>	→ List of CRs:	
BSS test specifications	<input type="checkbox"/>	→ List of CRs:	
O&M specifications	<input type="checkbox"/>	→ List of CRs:	

**Other comments:**



help.doc

<----- double-click here for help and instructions on how to create a CR.

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## 4 Transport channels

### 4.1 Transport channels

Transport channels are the services offered by layer 1 to the higher layers. A transport channel is defined by how and with what characteristics data is transferred over the air interface. A general classification of transport channels is into two groups:

- Dedicated Channels , using inherent addressing of UE
- eCommon eChannels (where there is a need for in-band identification of the UEs when particular UEs are addressed) and , using explicit addressing of UE if addressing is needed
- dedicated channels (where the UEs are identified by the physical channel)

General concepts about transport channels are described in 3GPP RAN TS25.302 (L2 specification).

#### 4.1.1 Dedicated transport channels

The Dedicated Channel (DCH) is an up- or downlink transport channel that is used to carry user or control information between the UTRAN and a UE.

#### 4.1.2 Common transport channels

~~Common transport channels are:~~

There are six types of transport channels: BCH, FACH, PCH, RACH, USCH, DSCH

##### 4.2.1 BCH - Broadcast Channel

###### ~~1) Broadcast Channel (BCH)~~

The Broadcast Channel (BCH) is a downlink transport channel that is used to broadcast system- and cell-specific information.

##### 4.2.2 FACH – Forward Access Channel

The Forward Access Channel (FACH) is a downlink transport channel that is used to carry control information to a mobile station when the system knows the location cell of the mobile station. The FACH may also carry short user packets.

##### 4.2.3 PCH – Paging Channel

###### ~~2) Paging Channel (PCH)~~

The Paging Channel (PCH) is a downlink transport channel that is used to carry control information to a mobile station when the system does not know the location cell of the mobile station.

###### ~~3) Forward Access Channel(s) (FACH)~~

The Forward Access Channel (FACH) is a downlink transport channel that is used to carry control information to a mobile station when the system knows the location cell of the mobile station. The FACH may also carry short user packets.

~~4) Random Access Channel(s) (RACH)~~

#### 4.2.4 RACH – Random Access Channel

The Random Access Channel (RACH) is an up link transport channel that is used to carry control information from mobile station. The RACH may also carry short user packets.

~~6) Uplink Shared Channel (USCH)~~

#### 4.2.55 USCH – Uplink Shared Channel

The uplink shared channel (USCH) is an uplink transport channel shared by several UEs carrying dedicated control or traffic data.

~~7) Downlink Shared Channel (DSCH)~~

#### 4.2.66 DSCH – Downlink Shared Channel

The downlink shared channel (DSCH) is a downlink transport channel shared by several UEs carrying dedicated control or traffic data.

