

**TSG-RAN Meeting #9  
Hawaii, US, 20 - 22 September 2000**

***TSGRP#9(00)0385***

**Title:** Agreed CRs to TS 25.430

**Source:** TSG-RAN WG3

**Agenda item:** 5.3.3

<b>Tdoc_Num</b>	<b>Specification</b>	<b>CR_Num</b>	<b>Revision_Num</b>	<b>CR_Subject</b>	<b>CR_Category</b>	<b>WG_Status</b>	<b>Cur_Ver_Num</b>	<b>New_Ver_Num</b>
R3-001880	25.430	011	1	Bi-directional dedicated transport channels	F	agreed	3.2.0	3.3.0



## 4.4 Iub Interface Capabilities

~~The Iub interface connects a RNC and a Node B.~~

~~The information transferred over the Iub reference point can be categorised as follows:~~

### 4.4.1 Radio application related signalling

The Iub interface allows the RNC and the Node B to negotiate about radio resources, for example to add and delete cells controlled by the Node B to support communication of the dedicated connection between UE and SRNC. Information used to control the broadcast channel and information to be transported on the broadcast channel belong to this category also. In addition, logical O&M [1] between the Node B and RNC shall also be included in this category.

### 4.4.2 Iub/Iur DCH data stream

The Iub interface provides the means for transport of uplink and downlink DCH transport frames between RNC and Node B. An Iub/Iur DCH data stream corresponds to the data carried on one DCH transport channel.

In the UTRAN, one DCH data stream always corresponds to a bi-directional transport channel. Although the TFS is configured separately for each DCH direction and a DCH could be configured with e.g. only a zero-bit transport format in one direction, the DCH is always treated as a bi-directional transport channel in the UTRAN. As a result, two uni-directional Uu DCH transport channels with opposite directions can be mapped to either one or two DCH transport channels in the UTRAN.

### 4.4.3 Iub RACH data stream

The Iub interface provides the means for transport of uplink RACH transport frames between Node B and RNC. An Iub RACH data stream corresponds to the data carried on one RACH transport channel.

### 4.4.4 Iub FDD CPCH data stream

The Iub interface provides the means for transport of uplink CPCH [FDD] transport frames between Node B and RNC.

### 4.4.5 Iub FACH data stream

The Iub interface provides the means for transport of downlink FACH transport frames between RNC and Node B. An Iub FACH data stream corresponds to the data carried on one FACH transport channel.

### 4.4.6 Iub DSCH data stream

The Iub interface provides the means for transport of downlink shared channel, DSCH, data frames between RNC and Node B. An Iub DSCH data stream corresponds to the data carried on one DSCH transport channel for one UE. A UE may have multiple DSCH data streams.

### 4.4.7 Iub TDD USCH data stream

The Iub interface provides the means for transport of uplink shared channel, USCH, data frames between Node B and RNC. An Iub USCH data stream corresponds to the data carried on one USCH transport channel for one UE. A UE may have multiple USCH data streams.

### 4.4.8 Iub PCH data stream

The Iub interface provides the means for transport of PCH transport frames between RNC and Node B. An Iub PCH data stream corresponds to the data carried on one PCH transport channel.