**TSG-RAN Working Group 1 meeting No. 7bis**            *TSGR1#7bis(99)e81*
**Kyongju, South Korea**
**October 4-October 5, 1999**

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**Agenda Item:**    **3**

**Source:**          **Philips**

**Title:**           **Text Changes for 25.213**

**Document for:**    **Decision**

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## Proposed Text Changes:

**4.3.2.1 General**
Not all uplink channels use both short and long scrambling codes (notably RACH). It would help to indicate this exception. Therefore change:
"There are $2^{24}$ uplink scrambling codes. Either short or long scrambling codes should be used on the uplink. Both short and long scrambling codes are represented with complex-value."
To:
"There are $2^{24}$ uplink scrambling codes. All uplink channels shall use either short or long scrambling codes, except for the RACH, for which only the long scrambling code is used. Both short and long scrambling codes are represented with complex-value."

**4.3.4.4 Channelization codes for the CPCH message part**
This whole section should be re-structured in a more logical way:
4.3.4.1 Preamble scrambling code
    4.3.4.1.1 Access preamble scrambling code
    4.3.4.1.2 CD preamble scrambling code
4.3.4.2 Preamble signatures
    4.3.4.2.1 Access preamble signatures
    4.3.4.2.2 CD preamble signatures
 4.3.4.3 Channelization codes for the CPCH message part
 4.3.4.4 Scrambling code for the CPCH message part

# Study/Open Items

### 4.3.4 Common packet channel codes
CPCH should support short scrambling codes. This is particularly important if CPCH represents a significant fraction of the traffic.
The channelization code and scrambling code for the power control preamble are not specified.

### 4.3.4.4 Channelization codes for the CPCH message part
If the mapping of access preamble signature to nodes in the code tree is known to Layer 1 it should be indicated how this mapping is provided or determined. If the mapping is only known to higher Layers it should not be mentioned here.
The statement that UE is allowed to increase spreading factor may not belong here.
What is the channelization code of the access preamble?

### 4.4 Modulation
There is no statement on modulation of channels other than DPCCH and DPDCH