TSG-RAN Working Group 1 meeting No. 7bis   *TSGR1#7bis(99)e79*
Kyongju, South Korea
October 4-October 5, 1999

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Agenda Item: **3**

Source: **Philips**

Title: **Text Changes for 25.211**

Document for: **Decision**

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Proposed Text Changes:

5.2.2.2.2 CPCH Access preamble part
Text now says "The RACH preamble sequences could be used...."
This should be said clearly "The RACH preamble sequences shall be used….".

5.3 Downlink physical channels
Add a new sentence "The SCH, CPIC and Primary CCPCH are present on all downlink

7.3 PRACH/AICH timing relations
In order to be consistent with use of RACH sub-channels, change sentence (under Figure 25) from:
"Subsequent preambles can be transmitted either three or four slots after the latest transmitted preambles……."
To:
"Subsequent preambles can be transmitted in the next available access slot after the latest transmitted preamble……."

Study/Open Items:

5.2.2.2 Physical Common Packet Channel
It is not clear whether DPCCH formats can be different for power control preamble and message parts
Pilot bit patterns are not defined for power control preamble or message part

5.2.2.2.1 CPCH Transmission
The length of the power control preamble is FFS. It could b fixed or variable, and might depend on spreading factor (i.e. long for low SF, and short for high SF).

5.2.2.2.4 CPCH power control preamble part
Should FBI be supported in the power control preamble part? (Assuming it is to be used in the message part)

5.2.2.2.5 CPCH message part
 Is N_Max_frames fixed or variable?
     If fixed what is its value?
     If variable, how is N_Max_frames set?
How is the mapping of bit rates to signature sequences determined?
Pilot bit patterns are not defined for the message part
Coverage is limited if higher spreading factors than 64 are not allowed. Therefore the upper limit of SF should be increased (e.g. to 256).

5.3 Downlink physical channels
It is for FFS whether other channels than SCH, CPICH and Primary CCPCH must also be present on all carriers.
Downlink parts of CPCH are not mentioned.
Is signalling to be supported on the downlink DCH associated with a CPCH channel?
Can DL TFCI be used for signalling?

5.3.3.6 Acquisition Indication Channel
The description of this channel may need to be modified to cover use by both RACH and CPCH

5.3.3.7 Page Indicator Channel (PICH)
The action taken by the UE when a paging indicator is set to '1' could be considered as a Layer one procedure and in this case should be described in 25.214. This is desirable if there will be a separate performance requirement for PICH detection.