3GPP TSG-WG1 Meeting #19 Las Vegas, USA, 27 Feb – 2 Mar 2001

CHANGE REQUEST		
Ø	25.221 CR 047 Z rev Z Curr	rent version: 3.5.0
For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the ∠ symbols.		
Proposed change affects: ∠ (U)SIM ME/UE X Radio Access Network X Core Network		
Title:	Clarification of Midamble Usage in TS25.221	
Source:	Siemens	
Work item code: ∠		Date: ∠ 20/02/01
Category:	F	ease: ∡ R99
	 F (essential correction) A (corresponds to a correction in an earlier release) B (Addition of feature), C (Functional modification of feature) D (Editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900. 	channelisation code. However, t, there is only one midamble ing one primary and one or ecific midambles of the default el estimates. The default loop TxDiversity techniques to one user in multicode e UE. From the closed loop d, one might conclude that all e same antenna weightings.
Summary of change	Clarifies that the UE shall use one midamble per of that the channel estimates may be different for each	
Consequences if not approved:	Ambiguous specifications	
Clauses affected:		
Other specs affected: Other core specifications Test specifications O&M Specifications		
Other comments:		

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G Specs/CRs.htm. Below is a brief summary:

- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://www.3qpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

5.6.1.2.1 Default midamble

If a midamble is not explicitly assigned and the use of the common midamble allocation scheme is not signalled by higher layers, the UE shall derive the midambles from the allocated sociated channelisation codes and shall use an individual midamble for each channelisation code group containing one primary and a set of secondary channelisation codes. The For each association between midambles and channelisation code groups is given in annex A.3, there is one primary channelisation code associated to each midamble. A set of secondary channelisation codes is associated to each primary channelisation code. All the secondary channelisation codes within a set use the same midamble as the primary channelisation code to which they are associated. The UE shall assume different channel estimates for each of the individual midambles.

Higher layers shall allocate the channelisation codes in a particular order. Primary channelisation codes shall be allocated prior to associated secondary channelisation codes. If midambles are reserved for the beacon channels, all primary and secondary channelisation codes that are associated with the reserved midambles shall not be used.

<u>CPrimary and its associated secondary channelisation codes of one channelisation code group</u> shall not be allocated to different UE's.

In the case that secondary channelisation codes are used, secondary channelisation codes of one set shall be allocated in ascending order, with respect to their numbering.