Source :   **Chairman**

Date :   **21 January 1999**

Object :   **S2.00 V0.1.0: Deliverables and work plan for TSG RAN WG2**

1.   Current work areas

TSG RAN WG2 is responsible for the definition of the layer 2 and layer 3 of the radio interface protocols of UTRA.

Currently identified items are :
- Radio Resource management protocol
- MAC protocol
- RLC protocol
- Inter-layer procedures
- Provision of Radio Access Bearers to the upper layers
- Multiplexing of services on the radio interface
- Definition of the services of the physical layer to upper layers (layer and layer 3)
- Control of the configuration of the physical layer
- Paging mechanism
- Broadcast of system information
- Random access mechanism
- procedures in dedicated mode
- procedures in idle mode

2.   Deliverables

	Title	Type
S2.01	Radio Interface Protocol Architecture	TS
S2.02	Services provided by the physical layer	TS
S2.03	UE functions and inter-layer procedures in connected mode	TS
S2.04	UE procedures in Idle Mode	TS
S2.31	RRC protocol specification	TS
S2.22	RLC protocol specification	TS
S2.21	MAC protocol specification	TS
R2.01	Guidelines and principles for protocol description and error Handling	TR

3.

4. Work plan

4.1 Document Version Numbering and Change Control Procedure

The specifications in the work plan are numbered according to a three digit numbering system. The first digit is increased when a new version is approved by RAN TSG. The second digit is increase when a new version is approved by WG2. The last digit is raised after every new version released by the editor provided that the new version is not of any of the previously mentioned types. E.g. version 0.0.1 is the first version of the specification created by the editor. Version 0.1.0 is the first version approved by the WG and 1.0.0 is the first version approved by RAN TSG.

After version 1.0.0 the specification is put under change control, i.e. formal change request needs to be produced to change the contents. Furthermore, only clarifications and corrections are allowed.

4.2 Milestones

The work plan with milestones is shown in Table **Error! Unknown switch argument.**. An 'X' in the table means that no more work is expected for the listed task after the listed month. A '*' means that the milestone depends on the progress in WG1.

The release 99 deadline and the April 99 deadline is not shown in the work plan with specific version numbers of the specifications since it is not possible to predict what the version numbers would be. Nevertheless, there is deadlines April 99 and December 99.

The work plan is applicable to the contents of the first versions specifications produced. Additional technical topics may be added before a certain deadline, e.g. April 1999, where the technical contents of the release 1999 will be decided. After this deadline, new topics for later releases will be put last on the agenda and treated only if time allows.

*Table **Error! Unknown switch argument.**: Work plan with milestones*

Specification and tasks	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
S2.01 Radio Interface Protocol Architecture		0.1.0		1.0.0								
Functional split between layers		X										
Terminating points				X								
S2.02 Services Provided by the Physical Layer		0.1.0				1.0.0						
L1 model & Services		*										
Transport Channels		*										
L1 Primitives				*								
Transport Format Set values						*						

S2.03 UE Functions and Inter-layer procedures in Connected Mode	0.1.0		1.0.0								
Examples of RRC Connection Control Procedures with interlayer interactions	X										
Examples of Radio Access Bearer Control Procedures with interlayer interactions	X										
Examples of RRC Connection Mobility Procedures with interlayer interactions	X										
S2.04 UE Functions Related to Idle Mode	0.1.0							1.0.0			
Overall description of idle mode	X										
Functional division between NAS and AS	X										
System information receiving			X								
Paging			X								
Examples of procedures			X								
DRX in Idle Mode					X						
Cell (re)selection					X						
Measurements in Idle Mode					X						
Multicast services								X			
S2.21 Medium Access Control (MAC) Protocol Specification	0.1.0		1.0.0								
Model	X										
Logical Channels	X										
PDU formats		X									
MAC primitives			X								

	A	B	C	D	E	F	G	H	I	J	K	L
SDL(?)				X								
S2.22 Radio Link Control (RLC) Protocol Specification		0.1.0				1.0.0						
Model		X										
Protocol States		X										
PDU formats				X								
ARQ methods				X								
RLC primitives						X						
State variables, timers and protocol parameters						X						
SDL(?)						X						
S2.31 Radio Resource Control (RRC) Protocol Specification		0.1.0										1.0.0
Elementary procedures				X								
Protocol States						X						
Error Cases						X						
Message Syntax (Parameters & parameter space)						X						
Message encoding									X			
SDL(?)									X			

5. List of future meetings

8 – 11 March 99 host TBD (possibly in Stockholm).
13 – 16 April 99. host TBD (possibly in Japan).
25 – 28 May 99. host TBD.
5 - 9 July 99. host TBD.