Source:	**TSG RAN WG2**
Title:	**Work plan and deliverables for RAN WG2**
Document for:	**Approval**
Agenda Item:	**5.3**

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
- Ciphering
- Location/positioning services
- ODMA
- Broadcast/Multicast services

2. Deliverables

	Title	Type	Editor
25.301	Radio Interface Protocol Architecture	TS	Wolfgang Granzow (Ericsson)
25.302	Services provided by the physical layer	TS	Pierre Lescuyer (Nortel Networks)
25.303	UE functions and inter-layer procedures in connected mode	TS	Mikko Rinne (Nokia)
25.303	UE procedures in Idle Mode	TS	Tommi Leivonen (Nokia)
25.321	MAC protocol specification	TS	Armin Sitte (Siemens)
25.322	RLC protocol specification	TS	Marco Mastroforti (CSELT) Daniele Franceschini (CSELT)
25.331	RRC protocol specification	TS	Stephen Barrett (Motorola)
25.921	Guidelines and principles for protocol description and error Handling	TR	Jean Dumazy (Philips)
25.922	RRM strategies	TR	Nicola Pio Magnani (CSELT) Daniele Franceschini (CSELT)
25.923	Location services feature	TR	David Steer (Nortel Networks)
25.924	ODMA	TR	Peter Krischan (Mannesmann)
25.925	Broadcast/Multicast services	TR	Alan Law (Vodafone)

3. Work plan

3.1 Milestones

The work plan with milestones is shown in Table 1. 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 are 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. Additional details on the procedures applicable to the definition of the 99 release can be found in RP-99167 from TSG RAN #2.

Table 1: 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		1.0.0		3.0.0								
Functional split between layers		X										
Terminating points				X								
S2.02 Services Provided by the Physical Layer		1.0.0				3.0.0						
L1 model & Services		*										
Transport Channels		*										
L1 Primitives				*								
Transport Format Set values						*						
S2.03 UE Functions and Inter-layer procedures in Connected Mode		1.0.0		3.0.0								
Examples of RRC Connection Control Procedures with interlayer interactions		X										
Examples of Radio Access Bearer Control		X										

Procedures with interlayer interactions											
Examples of RRC Connection Mobility Procedures with interlayer interactions	X										
S2.04 UE Functions Related to Idle Mode	1.0.0							3.0.0			
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	1.0.0		3.0.0								
Model	X										
Logical Channels	X										
PDU formats		X									
MAC primitives			X								
SDL(?)			X								
S2.22 Radio Link Control (RLC) Protocol Specification	1.0.0		3.0.0								
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	1.0.0										3.0.0
Elementary procedures			X								
Protocol States					X						
Error Cases					X						
Message Syntax (Parameters & parameter space)					X						
Message encoding								X			
SDL(?)								X			