Source: 3GPP RAN

Title: 3GPP RAN TSG workplan

Document for:

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1   INTRODUCTION

In order to progress the work within 3GPP RAN TSG and ensuring that a complete specification of RAN is available at the end of 1999, the work has to be planned and scheduled. This process has started in the RAN Working Groups. It is also important that the RAN TSG agree on an "overall" work plan for the RAN specifications. This paper propose such an "overall" 3GPP RAN TSG work plan. This proposal is based on the work plans that exist (in more or less agreed status) in most of the Working Groups.

In summary we propose the following:

• A RAN TSG meeting schedule (Based on a suggestion from the RAN TSG Convinor)

• Revision handling of the RAN specifications (Based on the Working Group's work plans)

• RAN Specification structure (Based on the Working Group work plans)

• Milestones for the specifications (Based on the Working Group work plans)

2   Meeting schedule

The RAN TSG Convinor has suggested a meeting plan for the RAN TSG. We agree with the proposal and therefore make a proposal in line with the Convinors proposal. That is the following RAN TSG meeting schedule for 1999:

Meeting	Date	Location
RAN TSG#1	Dec 7-8, 1998	Sophia Antipolis, France
RAN TSG#2	March 2-4, 1999 (May be extended)	Fort Lauderdale, Florida, USA
RAN TSG#3	Apr 22-23,1999	
RAN TSG#4	June 30- July 2, 1999	
RAN TSG#5	Sept 29 – Oct 1, 1999	
RAN TSG#6	Dec 13-17, 1999	

3   Revision handling of the specifications

The specifications in this work plan are version numbered according to a three digit numbering system. The first digit is increased when a new version is approved by the RAN TSG. The second digit is increased when a new version is approved by a Working Group. The third digit is increased after every new version released by the editor. For example, version V0.0.1 is the first version of a specification created by the editor. Version V0. 1.0 is the first version approved by a Working Group and version V1.0.0 is the first version approved by the RAN TSG. For each new version the history sheet of the specification shall incooperate a list of the stable and agreed parts of the specification. We also propose that the first digit also has the following meaning:

- V1.0.0 is a Draft Specification. The Draft Specification should be approved by the RAN TSG. A Draft specification does not need to be complete, but it should be clearly marked in the specification what is stable and agreed and what is not stable and not agreed. For the items that are stable and agreed the change requst procedure applies.

- V2.0.0 is the First Complete specification. The First Complete Specification should be approved by the RAN TSG. For a First Complete Specification the change request procedure applies

- V3.0.0 is the Release 99 of the 3GPP RAN Specifications.

Note 1: According to the time plan agreed at the 3GPP RAN TSG#1 meeting all specifications should at least be in version V1.0.0 in April 1999.

Note 2: According to the time plan agreed at the 3GPP RAN TSG#1 meeting all specifications should be in version V3.0.0 in December 1999.

Note 3: It is not necessary to have a Specification in version V1.x.y before it becomes a version V2.0.0 Specification.

Note 4: It is not necessary to have a Specification in version V2.x.y before it becomes a version V3.0.0 (Release 99) Specification.

Note 5: The version number method should be aligned with the other 3GPP TSG, therefore the definitions above may change.

4   Specifications and Milestones

In the 3GPP RAN TSG#1 meeting we had an input on specification structure, TSGR#1(98)003. The working groups has more or less adopted that documentation structure. The list below is the specifications proposed by the working groups. We have added one specification, S0.01 – Vocabulary for the 3GPP RAN TSG, which we propose that the RAN TSG has the responsible for. The working groups has also made plans for detailed work for each specification. In the table below we have only included a proposal for when the RAN TSG should approve the specifications.

cification and tasks	RAN #1	RAN #2	RAN #3	RAN #4	RAN #5	RAN #6
)1 – Vocabulary for the 3GPP RAN TSG			1		2	3
)1 – Physical layer general description			1		2	3
)2 – UE capabilities			1		2	3
1 – Transport channels and physical channels (FDD)			1		2	3
2 – Multiplexing and channel coding (FDD)			1		2	3
3 – Spreading and modulation (FDD)			1		2	3
4 – Physical layer procedures (FDD)			1		2	3
:1 – Transport channels and physical channels (TDD)			1		2	3
:2 – Multiplexing and channel coding (TDD)			1		2	3
:3 – Spreading and modulation (TDD)			1		2	3
:4 – Physical layer procedures (TDD)			1		2	3
:1 – Measurements			1		2	3
)1 – Radio Interface Protocol Architecture			2			3
)2 – Services Provided by the Physical Layer			1	2		3

Specification						
3 – UE Functions and Inter-layer procedures in Connected Mode			2			3
4 – UE Functions Related to Idle Mode			1		2	3
1 – Medium Access Control (MAC) Protocol Specification			2			3
2 – Radio Link Control (RLC) Protocol Specification			1	2		3
1 – Radio Resource Control (RRC) Protocol Specification			1		2	3
1 – RAN Overall Description			1		2	3
0 – General aspects & Principles of Iu interface between CN and RAN (function split, protocol structure)			1		2	3
1 – Iu interface Layer 1			2			3
2 – Iu interface signalling transport			2			3
3 – Iu interface CN-RAN signalling			1			3
4 – Iu interface data transport & transport signalling			2			3
5 – Iu interface CN-RAN user plane protocols			1		2	3
0 – General aspects & Principles of Iur interface (function split, protocol structure)			1		2	3
1 – Iur interface Layer 1			2			3
2 – Iur interface signalling transport			2			3
3 – Iur interface RNC-RNC signalling			1			3
4 – Iur interface data transport & transport signalling for CCH data streams			2			3
5 – Iur interface user plane protocols for CCH data streams			1		2	3
6 – Iur & Iub interface data transport & transport signalling for DCH data streams			2			3
7 – Iur & Iub interface user plane protocol for DCH data streams			1		2	3
0 – General aspects & Principles of Iub interface (function split, protocol structure)			1		2	3
1 – Iub interface Layer 1			2			3
2 – Iub interface signalling transport			2			3
3 – Iub interface RNC-NodeB signalling			1			3
4 – Iub interface data transport & transport signalling for CCH data streams			2			3
5 – Iub interface RNC-NodeB user plane protocols for CCH data streams			1		2	3
1A – Radio transmission and reception UE FDD			1		2	3
1B – Radio transmission and reception BS FDD			1		2	3
2A – Radio transmission and reception UE TDD			1			3
2B – Radio transmission and reception BS TDD			1			3
3 – System protocol aspects			1		2	3
1 – Base station conformance testing FDD			1		2	3
2 – Base station conformance testing TDD			1			3
3 – Base station EMC			1		2	3

Table 1: List of RAN Specifications to be written by the 3GPP RAN TSG and its Working Groups. The 1st column indicate which group that has the responsiblity to write the specification (the RAN TSG should approve all specifications). The 2nd column is a list of all specifications to be written. The last columns are deadlines for the RAN TSG approval of the specifications, i.e., at which RAN TSG meeting the specification should be approved. In the last columns a "1" means that a version V1.0.0 (Draft Specification) should be approved, a "2" means that a version V2.0.0 (First Complete Specification) should be approved by RAN TSG, a "3" means that a version V3.0.0 (Release 99) should be approved by RAN TSG.

5   Conclusions

In conclusion we propose that the RAN TSG at this meeting approve the

- RAN TSG meeting schedule

- Revision handling of the RAN Specifications

- RAN specification structure

- Deadlines for when the RAN Specifications to be approved by the RAN TSG

presented in this contribution.