TSG-RAN Working Group 3 meeting #7
Sophia Antipolis, France, 20th – 24th September 1999

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Revision marks show the changes based on decisions at the last meeting. These changes have not yet been approved in RAN WG3.

3GPP

UMTS 30.531 WG3 Work Plan and Study Items

Technical Report

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3rd Generation Partnership Project (3GPP);
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UMTS 30.531 WG3 Work Plan and Study Items

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Contents

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Foreword

This Technical Report has been produced by the 3rd Generation Partnership Project, Technical Specification Group RAN WG3.

The contents of this TR may be subject to continuing work within the 3GPP and may change following formal TSG approval. Should the TSG modify the contents of this TR, it will be re-released with an identifying change of release date and an increase in version number as follows:

Version m.t.e

where:

m indicates [major version number]

x the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.

y the third digit is incremented when editorial only changes have been incorporated into the specification.

Scope

This document presents the workplan for TSG RAN WG3. It describes the work procedures of WG3, and the necessary milestones in order to reach the goal of completing the specifications by the end of 1999. The document also contains a list of all specifications to be produced by WG3, and a list of study items identified by WG3.

References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

[1]

[2]

Definitions, symbols and abbreviations

Definitions

For the purposes of the present document, the [following] terms and definitions [given in ... and the following] apply.

<defined term>: <definition>.

example: text used to clarify abstract rules by applying them literally.

Symbols

For the purposes of the present document, the following symbols apply:

<symbol> <Explanation>

Abbreviations

<ACRONYM> <Explanation>

General

Document version numbering

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 WG3. The last digit is raised after every new version released by the editor.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.

Meeting intensity

The meeting intensity of WG3 must fulfil at least two requirements:

- often enough to be able to produce the necessary specifications by the end of 1999,
- seldom enough to enable ad-hoc groups and/or subworking groups to work between the meetings.

To fulfil the above requirements the meeting intensity of WG3 will be roughly once every 6th week with a meeting duration of a complete week.

Work procedures

TSG RAN WG3 has the overall responsibility of the specifications listed in ch. 6. In order to have the specifications ready by the end of 1999 WG3 will have the following split between the WG3 plenary meeting and the sub-working groups.

Plenary meeting

1. In the plenary meeting discussions and contributions in order to produce the following overall specifications (see list of specifications in ch. 6) should be treated:

- 25.401: UTRAN Overall Description

- All General Aspects and Interface Principles specifications, i.e. 25.410, 25.420, 25.430
- L1specifications referring to existing standards, i.e. 25.411, 25.421, 25.431
- The technical reports 25.831, 25.832, 25.931, 30.531 and I3.05

2. The work that is performed in the different sub-working groups will be co-ordinated in the plenary meeting. Decisions taken in the sub-working groups should be formally approved by the WG3 Plenary.
3. It is the forum where each specification will be approved.

Sub-working groups (SWG)

TSG RAN WG3 contains two SWGs:

Iu SWG:

The Iu SWG is responsible for drafting of the Iu specifications 25.413 and 25.415. It is also responsible for treating possible changes to 25.412 and 25.414.

Iur&Iub SWG.

The Iub/Iur SWG is responsible for drafting of the Iur specifications 25.423, 25.425, 25.426, 25.427, the Iub specifications 25.433 and 25.435, and 25.442: UTRAN Implementation Specific O&M Transport. It is also responsible for treating possible changes to 25.422, 25.424, 25.432 and 25.434.

TSG RAN WG3 can decide the creation of SWGs.

WG3 may create new or terminate existing SWGs and a rapporteur is appointed by WG3. The rapporteur is responsible for the reporting of the progress in the ad-hoc group to WG3.

A SWG has a clearly identified scope, with the identification of the expected results (e.g. draft specification, Change Request on a specification, Technical Report, or more simply an input paper).

The duration and handling of a SWG depends on the importance of the task to be carried out. A SWG may last e.g.

- only a few days, and be carried in evening or parallel sessions of WG3 (WG3 could for example stop one afternoon).
- only between two WG3 meetings, and be conducted either via e-mail or in ad-hoc meetings.
- several months in which case reporting will be made at each occurring WG3.
- until its task is completed.

The meetings and organisation of the SWG will have to be organised in a co-ordinated manner, with enough pre-meeting notice. This is managed by the SWG rapporteur. The SWG rapporteur also acts as chairman for SWG sessions.

In order to facilitate SWG work, and also a quick resolving of the key problems, it is encouraged that SWGs should focus on issues where the involved people is less than the WG3 meeting. Otherwise, the issue can be handled directly in WG3.

The SWGs provide full reports to the WG3 Plenary.

Decisions of SWGs have to be formally approved by the WG3 Plenary.

Meeting arrangements

WG3 meetings are one week long. The number of parallel sessions should be optimised to minimum that is needed for efficient progress. Also parallel sessions for groups that need very similar expertise should be avoided. Table 1is an example of a meeting structure designed according to this principle:

Table 1: Example of WG3 meeting structure.

Monday	**Tuesday**		**Wednesday**		**Thursday**	**Friday**
Opening Plenary	Iu	Iur&Iub	Iu	Iur&Iub	Plenary	Closing Plenary

The group has allocated three days (Monday, Thursday and Friday) for plenary sessions, and two days (Tuesday and Wednesday) for parallel SWG sessions.

It must be possible to allocate time for the opening and closing plenaries in a flexible manner.

Draft agenda for the next meeting should be agreed upon in the closing plenary.

Milestones

The work plan with milestones is shown in **Error! Reference source not found.**.

Parallel work shall be possible, e.g. specification of RANAP procedures and IE coding may run concurrently.

Table 2: Work plan with milestones

Identity and type	Title	Rapporteur	Date for approval	Dependency	Features under study (Sections)	Editor	Current status (Date to become stable)
25.401 Spec.	UTRAN Overall Description	Jean-Marie Calmel (Nortel)	Sept				
25.410 Spec.	UTRAN Iu Interface General Aspects and Principles	Richard Townend (BT)	Sept				
25.411 Spec.	UTRAN Iu Interface Layer 1	Achim Brandt (Siemens)	April				v.3.0.0.
25.412 Spec.	UTRAN Iu Interface Signalling Transport	Kiran Thakare (Telecom Modus)	April				v.3.0.0.
25.413 Spec.	UTRAN Iu Interface RANAP Signalling	Jyrki Jussila (Nokia)	Dec				
					RANAP procedures (text and/or SDL)		(August) No new features / functions after August meeting.

Identity and type	Title	Rapporteur	Date for approval	Dependency	Features under study (Sections)	Editor	Current status (Date to become stable)
					List of messages		(August)
					Message functional contents frozen		(August)
					Ready for approval except IE coding		(Sept)
					Message descriptions in ASN.1 ready		(Oct) Note: Can be started earlier based on stability if the procedure is considered stable.
					Ready for review by companies		(End of October meeting)
					IE coding		(Dec)
25.414 Spec.	UTRAN Iu Interface Data Transport & Transport Signalling	David Comstock (Ericsson)	April				v.3.0.0.
25.415 Spec.	UTRAN Iu Interface CN-RAN User Plane Protocols	Alain Maupin (Ericsson)	Sept				
					Procedure descriptions finalised		(August)
					List of messages		(August)

Identity and type	Title	Rapporteur	Date for approval	Dependency	Features under study (Sections)	Editor	Current status (Date to become stable)
					Message contents		(August)
					IE coding		(Sept)
25.420 Spec.	UTRAN Iur Interface General Aspects and Principles	Kevin Hegerty (Lucent)	Sept				
25.421 Spec.	UTRAN Iur Interface Layer 1	Achim Brandt (Siemens)	April				v.3.0.0.
25.422 Spec.	UTRAN Iur Interface Signalling Transport	Kiran Thakare (Telecom Modus)	April				v.3.0.0.
25.423 Spec.	UTRAN Iur Interface RNSAP Signalling	Göran Rune (Ericsson)	Dec				
					RNSAP procedures (text and/or SDL)		(August) No new features / functions after August meeting.
					List of messages		(July)
					Message functional contents frozen		(August)

Identity and type	Title	Rapporteur	Date for approval	Dependency	Features under study (Sections)	Editor	Current status (Date to become stable)
					Ready for approval except IE coding		(Sept)
					Message descriptions in ASN.1 ready		(Oct) Note: Can be started earlier based on stability if the procedure is considered stable.
					Ready for review by companies		(End of October meeting)
					IE coding		(Dec)
25.424 Spec.	UTRAN Iur Interface Data Transport and Transport Signalling for Common Transport Channel Data Streams	Nicolas Drevon (Alcatel)	April				v.3.0.0.
25.425 Spec.	UTRAN Iur Interface User Plane Protocols for Common Channel Data Streams	Nicolas Drevon (Alcatel)	Sept				
					Procedure descriptions finalised		(August)
					List of messages		(August)

Identity and type	Title	Rapporteur	Date for approval	Dependency	Features under study (Sections)	Editor	Current status (Date to become stable)
					Message contents		(August)
					IE coding		(Sept)
25.426 Spec.	UTRAN Iur & Iub Interface Data Transport and Transport Signalling for Dedicated Transport Channel Data Streams	Sami Kekki (Nokia)	April				v.3.0.0
25.427 Spec.	UTRAN Iur & Iub Interface User Plane Protocol for Dedicated Transport Channel Data Streams	Fabio Longoni (Nokia)	Sept				
					Procedure descriptions finalised		(August)
					List of messages		(August)
					Message contents		(August)
					IE coding		(Sept)
25.430 Spec.	UTRAN Iub Interface General Aspects and Principles	Mick Wilson (Fujitsu)	Sept				

Identity and type	Title	Rapporteur	Date for approval	Dependency	Features under study (Sections)	Editor	Current status (Date to become stable)
25.431 Spec.	UTRAN Iub Interface Layer 1	Achim Brandt (Siemens)	April				v.3.0.0.
25.432 Spec.	UTRAN Iub Interface Signalling Transport	Mick Wilson (Fujitsu)	April				v.3.0.0.
25.433 Spec.	UTRAN Iub Interface NBAP Signalling	Nobutaka Ishikawa (NTT DoCoMo)	Dec				
					NBAP procedures (text and/or SDL)		(August) No new features / functions after August meeting.
					List of messages		(July)
					Message functional contents frozen		(August)
					Ready for approval except IE coding		(Sept)
					Message descriptions in ASN.1 ready		(Oct) Note: Can be started earlier based on stability if the procedure is considered stable.

Identity and type	Title	Rapporteur	Date for approval	Dependency	Features under study (Sections)	Editor	Current status (Date to become stable)
					Ready for review by companies		(End of October meeting)
					IE coding		(Dec)
25.434 Spec.	UTRAN Iub Interface Data Transport and Transport Signalling for Common Transport Channel Data Streams	Magnus Aldén (Telia)	April				v.3.0.0.
25.435 Spec.	UTRAN Iub Interface RNC-NodeB User Plane Protocols for Common Transport Channel Data Streams	Jean-Marie Calmel (Nortel)	Sept				
					Procedure descriptions finalised		(August)
					List of messages		(August)
					Message contents		(August)
					IE coding		(Sept)
25.442	UTRAN Implementation Specific O&M Transport	Stephan Recker (Mannesmann)					(Sept)

Identity and type	Title	Rapporteur	Date for approval	Dependency	Features under study (Sections)	Editor	Current status (Date to become stable)
25.931 Report	RAN Functions: Examples on Signalling Procedures	Enrico Scarrone (CSELT)					
25.832 Report	Manifestations of Handover and SRNS Relocation	Richard Townend (BT)					v.3.0.0.
30.531 Report	TSG RAN WG3 Work Plan and Study Items	Björn Ehrstedt (Ericsson)					
25.831 Report	TSG RAN WG3 Study Items for Future Releases	Nicolas Drevon (Alcatel)					
I3.05 Report	NodeB O&M Functional Descriptions	Andrew De La Torre (Vodafone)					June

Note 1 – Major milestone for each TS/TR shall be indicated by having additional rows to show features under study together with the date when such additional features become stable.

Note 2 – Editor(s) may be assigned in addition to Rapporteurs in case, for example, the volume of the TS/TR is large.

Study items

Study items from the merging process, WG3 Meeting #1

Table 3: Study Items from the WG3 merging process.

#	Title	Responsible person	Contact from Partner	Status
Iu/7	Usage of abstract syntax (ASN.1 with CSN.1 as encoding rules, as recommended by SMG2) versus explicitly coding the transfer syntax (bit matrix, as proposed by TTC/ARIB).	Atte Länsisalmi, Nokia	Cheng Hock, NEC	Open; agreed to use ASN.1 with either BER or PER.

Study items (not related to the merging process)

Table 4: study items created at ordinary WG3 meetings (i.e. not related to the merging process at WG3 meeting #1)

#	Title	Responsible person/company	Status
ARC/3	Overall delay budget in UTRAN	Siemens/Italtel	open
~~ARC/4~~	~~Silence detection~~	~~Nokia?~~	~~closed~~
~~ARC/5~~	~~Synchronisation~~	~~Björn Ehrstedt, Ericsson~~	~~closed~~
ARC/6	Site Selection Diversity Transmit power control (SSDT)	Kiran Thakare, Telecom Modus	open
~~ARC/7~~	~~Feature Set for NBAP Capability Exchange procedure~~	~~Andrew De La Torre, Vodafone~~	~~closed~~
ARC/8	System Information Update	Kiran Thakare, Telecom Modus	open
ARC/9	SRNS Relocation	Nicolas Drevon, Alcatel	open
~~ARC/10~~	~~RANAP procedures not treated at WG3#5~~	~~Nokia?~~	~~closed~~
ARC/11	Incoming LSs from R2 (A66-A73)	No rapporteur	open
ARC/12	Iur FACH and DSCH FC	Michael Schopp, Siemens	open
ARC/13	TDD parameters in frame protocols	Massimo Dell'Acqua, Italtel	open
ARC/14	NBAP TDD parameters	Flavio Piolini, Italtel	open
ARC/15	RNSAP TDD parameters	Flavio Piolini, Italtel	open
ARC/16	Interaction between RANAP and RNSAP for SRNS Relocation	Kalle Ahmavaara, Nokia	open
ARC/17	Remaining NBAP contributions from R3#6	Andrew De La Torre, Vodafone	open
ARC/18	DL power control	Gert-Jan Van Lieshout, Ericsson	open

ARC/19	Incoming LS from R1 on power control (tdoc 829)	No rapporteur	open
ARC/20	RL failure/loss of UL sync (based on tdoc 984)	Nobutaka Ishikawa, NTT DoCoMo	open

History

Document history		
Edition x	<MMMM yyyy>	Publication as <old doctype> <old docnumber>
0.3.0	August 1999	Study items from WG3#6 in Sophia Antipolis added. Version stepped.
0.2.1	July 1999	Ch. 6: milestones for xxxAP and user plane specifications updated according to agreements in Helsinki. Ch. 7.1: SI-ARC/1 closed; ch. 7.2: New study items added.
0.2.0	July 1999	Updated according to comments at WG3#5 in Helsinki.
0.1.2	June 1999	Updated according to comments at WG3#4 in Warwick.
0.1.1	May 1999	Updated according to comments at WG3#3 in Kawasaki.
0.1.0	April 1999	Version stepped, otherwise same as 0.0.3.
0.0.3	April 1999	Table of work plan with milestones updated according to TSG#2 RP(99)157 as agreed at TSG RAN #2 in Florida.
0.0.2	Mar 1999	Updated according to comments and changes made at WG3#2 in Nynäshamn, Sweden.
0.0.1	Feb 1999	First draft

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