TSG-RAN meeting #11   RP-010002
Palm Springs, CA, USA, 14-16 March 2001

Title: **Draft Report of the 10th TSG-RAN meeting**
                    (Bangkok, Thailand, 6-8 December 2000)
Document for: **Comment**
Source: **3GPP support team**

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Executive summary

During TSG-RAN #10, a total of 200 documents were handled. All CRs with one exception brought in by the WGs were approved (although some needed revision during the meeting). The exception was one CR that was rejected. The only postponed CR of TSG-RAN #9 was withdrawn in TSG-RAN #10.

There was a reminder to all delegates on the obligation of the member companies to declare essential IPRs.

Following some difficulties with the preparation of the plenary, the WGs were requested to finalise the WGs' results in reasonable time before future plenaries. The WGs were also requested to pay more attention to the proper preparation of Release 4 (and later) issues, in particular version numbers and cover sheets for TRs and TSs and the rapporteurs' reports on the WIs.

A discussion on vocabulary was deferred to TSG-SA and TSG-RAN WG4.

Several output documents to ITU-R were discussed and approved on the following topics: Submission of future updates of WCDMA; and Comments on the update procedure for revisions of Recommendation ITU-R M.1457.

One new work item (Intra-Domain Connection of RAN nodes to multipmle CN Nodes) was conditionally agreed. On a proposed WI on OAM feedback was needed. The existing Rel-4 WI and SI sheets were rediscussed and re-endorsed. The WI Improved usage of downlink resource in FDD for CCTrCHs of dedicated type was moved to Rel-5. The WIs Requirement on Equipment and Smart Antenna were deleted. New or revised WI sheets were provided for TrFO, UE Positioning. The WI sheets for Radio Interface Improvement Feature, RAN Improvement Feature and RAN Technical Small Enhancements and Improvements need to be revised after the meeting.

An overview of all WIs that TSG-RAN endorsed to be part of Rel-4 was submitted to TSG-SA.

A workshop on IP UTRAN evolution was agreed to be held in February.

1   Opening of the meeting

Yukitsuna Furuya (Chairman) opened the meeting, the 2nd anniversary of the TSG plenaries and thanked the host, Unisys for the organisation. Gerfried Handtke (Unisys) welcomed the delegates to Bangkok and explained the logistics and organisation of the meeting.

Yukitsuna Furuya (Chairman) also reminded the delegates of their obligations under the IPR policy.

2   Approval of the agenda

RP-000520 Proposed agenda (Chairman)
Yukitsuna Furuya (Chairman) proposed the agenda for the meeting.
Decision: The agenda was approved.

3 Approval of the meeting report of TSG-RAN Meeting #9

RP-000521 Draft Report of the 9th TSG-RAN meeting (Oahu, HI, USA, 20-22 September 2000) (Secretary)

RP-000522 Revised draft Report of the 9th TSG-RAN meeting (Oahu, HI, USA, 20-22 September 2000) (Secretary)

The revised meeting report of TSG-RAN #9 in RP-000522 had been distributed via the email reflector and was on the server. Compared to the original draft version, there was only a small correction on the planned dates for one of the Work Items. The meeting calendar would be updated in the approved version.

Decision: The report was approved. The approved report would be available in RP-000523.

RP-000523 Approved Report of the 9th TSG-RAN meeting (Oahu, HI, USA, 20-22 September 2000) (Secretary)

This was the approved report of the TSG-RAN #9 meeting.

4 Inputs from other groups

4.1 TSG-SA, TSG-T, TSG-CN, TSG-GERAN

4.1.1 TSG-SA and TSG-SA WGs

RP-000667 (S1-000847, to TSG-RAN) LS on Invitation to send contributions to TR 21.905 (3GPP Vocabulary) (TSG-SA WG1)

Hans van der Veen (Secretary) presented this LS.

Discussion: The vocabulary document depended on input from all TSGs and WGs; TSG-SA WG1 reminded TSG-RAN of this and requested input.

Decision: The LS was noted.

4.1.2 TSG-T and TSG-T WGs

RP-000527 (TP-000175, to TSG-RAN) LS on Transfer of EMC documents 34.124 and 34.926 (TSG-T)

Howard Benn (TSG-RAN WG4 Chairman) presented this LS.

Discussion: Due to the limited number of experts on EMC, TSG-T WG1 and TSG-RAN WG4 had discussed the transfer of EMC documents.

Decision: The LS was noted. The transfer to WG4 was accepted.

RP-000534 (T1-000265, copy TSG-RAN) LS on TR 21.905: Vocabulary for 3GPP Specifications (TSG-T WG1)

Yukitsuna Furuya (Chairman) presented this LS.

Discussion: There was considerable concern on the definitions provided. Also, it appeared that the handling of this in TSG-SA seemed to be 'dead'. Most definitions seem (at a glance) to be correct (according to the TSG-RAN WG4 Chairman).

Decision: The LS was noted. TSG-RAN tasked TSG-RAN WG4 to respond directly to TSG-T WG1. On the handling of the vocabulary document, TSG-RAN tasked TSG-RAN WG4 to consider the handling of the document and come back with a proposal for the next TSG-RAN plenary.

RP-000535(T1-000266, copy TSG-RAN) LS on Urgency of resolving the measurement uncertainty in 34.121 (TSG-T WG1)

Howard Benn (TSG-RAN WG4 Chairman) presented this LS.

Discussion: The document was for information to TSG-RAN. TSG-RAN WG4 was aware of the issue and it was covered in documents to be handled later. The information would be important for MSG/TFES and ARIB. Approval of the relevant CRs in WG4 by correspondence was logistically problematic. Eisuke Fukuda (ARIB) stated that approval at TSG-RAN plenary #11 (March, Palm Springs) was no problem for ARIB. For ETSI, MSG would approve the values in February. There was a need to make sure that the values for ARIB and ETSI were consistent. The regulatory issue in Japan was clarified, and especially its impact on WG4.

Decision: The LS was noted. WG4 was requested to finalise this issue by the TSG-RAN #11 plenary in March.

4.1.3   TSG-CN and TSG-CN WGs

RP-000525(NP-000548, to TSG-RAN) LS on CR categories (TSG-CN)

This document was for information, as the CR had been approved in TSG-SA #9 already.

RP-000526(NP-000554, to TSG-RAN) LS on Categories for frozen releases (TSG-CN)

This document was for information, as the CR had been approved in TSG-SA #9 already.

RP-000710LS (NP-000728, to TSG-RAN) on R99 Lossless Relocation for UMTS (TSG-CN)

Hans van der Veen (TSG-RAN Secretary) presented this LS.

Discussion: WG3 was aware of the issue.

Decision: The LS was noted. The working assumption should be provided to WG3.

4.1.4   TSG-GERAN and TSG-GERAN WGs

There were no LSs from these groups.

4.2   Others (non-RAN)

4.2.1   OP and PCG

Yukitsuna Furuya (Chairman) reported on the latest meeting of PCG and OP. PCG had agreed that PCG will invite some ITU delegates to PCG and OP meetings. There had also been discussions with IETF. Next year chairmanship of the PCG will be taken over by Akio Sasaki (ARIB), with Karl-Heinz Rosenbrock (ETSI) and Asok Chatterjee (T1) as vice-chairmen.

4.2.2   ITU-T

RP-000533LS (ITU-T) on Interpretation of Link characteristics parameter (ITU-T)

Hiroshi Komatsu (Japan Telecom) presented this LS.

Discussion: This document should be handled in WG3.

Decision: The LS was noted. The LS would be forwarded to TSG-RAN WG3 for consideration.

4.2.4   Others

RP-000668Japanese regulatory items in TS 25.141 and TS 34.121 (ARIB)
Eisuke Fukuda (ARIB) presented this LS.
Discussion: This was a response and clarification on RP-000535 (T1-000266, LS from TSG-T WG1 on this issue). It seemed that the timing aspect was OK for both ARIB and ETSI. The harmonisation of the figures was an issue that was ongoing.
Decision: The LS was noted.

4.3   TSG-RAN WGs

4.3.1   TSG-RAN WG1

There were no incoming LSs from this WG.

4.3.2   TSG-RAN WG2

There were no incoming LSs from this WG.

4.3.3   TSG-RAN WG3

There were no incoming LSs from this WG.

4.3.4   TSG-RAN WG4

RP-000524(R4-000998, to TSG-RAN) Response to LS (R1-001321) on 1.28 Mcps TDD and 3.84 Mcps TDD co-existence studies in RAN4 (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this LS.
Discussion: This issue would be handled in the report from TSG-RAN WG4.
Decision: The LS was noted.

5   Status Report and Approval of contributions - Release '99

IMPORTANT

Hans van der Veen (Secretary) noted that in particular a part of the results of the TSG-RAN WGs and also the reports of the WG chairmen had been made available extremely late for this TSG-RAN plenary. The first WG report had not been provided until the day before the meeting, the rest only on the first meeting day itself. Some WGs had allowed e-mail approval of CRs until a few hours before the start of the meeting.This WG behaviour had made it very difficult for the MCC support staff to do a proper preparation of the results for the plenary. Other delegations also expressed concern on this fact.

Therefore Hans van der Veen (Secretary) and Yukitsuna Furuya (Chairman) requested the WGs and WG chairmen to make sure that for future TSG-RAN plenaries the WGs' results (especially CRs, TRs

and TSs) were finalised a reasonable time before the plenary, in order to allow MCC to do the proper preparation, and certainly not as late as in the week of the plenary itself.

Vocabulary documents

Tdoc	TR	Presented as version	Title	Result	Final version
n/a	25.990	n/a	TSG-RAN Vocabulary document	n/a	n/a
n/a	21.905	n/a	Vocabulary document	n/a	n/a

RP-000682 Handling of R'99 CRs (Nokia)
Antti Toskala (Nokia) presented this document.
Discussion: The second page was irrelevant as it had already been taken into account in an agreed CR by TSG-SA during TSG-SA #9. The principles were agreeable, but there were a number of comments. The fourth (last) bullet point was a bit vague. Also, the size of a CR was not the only reason to provide more time to review a CR. With regard to the first bullet point, it was pointed out that consensus was desirable, but should not be mandatory. However, it was in the 3GPP rules that consensus was the de facto rule.
Decision: The document was noted. The relevant principles that were endorsed were made available in Annex D.

5.1   TSG-RAN WG1

5.1.1   Report from TSG-RAN WG1

RP-000536 Report from WG1 chairman to TSG-RAN (TSG-RAN WG1 Chairman)

RP-000550 Supplement (List of agreed CRs) to Report from WG1 chairman to TSG-RAN (TSG-RAN WG1 Chairman)
Antti Toskala (Chairman TSG-RAN WG1) presented this report (RP-000550) and the supplement of agreed CRs (RP-000551).
Presentation:
   Release '99:
   -   Issues need typically less than 1 day out of 4 days in the meetings
   Release 4 and 5:
   -   Highest number of papers for High Speed Downlink Packet Access (HSDPA)
   -   For the following work items input provided to TSG RAN for Release 4 (TR)
       -   DPCCH gating (as part of Terminal power saving features)
       -   TDD Node B synchronisation
       -   DSCH power control improvement in SHO
       -   For 1.28 Mcps TDD no specific input, work on-going on working CRs
Discussion:
   -   On hard-coded preconfigurations (originating from WG2), WG1 would do a review where appropriate.
   -   Since the amount of work was well down from its peak, there was a request to reduce the number of meetings. In response, it was pointed out that the duration of the meetings could be shorter, but that there was still a need for the number of meetings, although some could be Ad Hocs on specific topics.
Decision: The report was noted.

5.1.2   Discussions on decisions from TSG-RAN WG1

There were no documents for this agenda item.

5.1.3   Approval of contributions from TSG-RAN WG1

CRs to TS 25.211: Physical channels and mapping of transport channels onto physical channels (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000537	25.211	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.212: Multiplexing and channel coding (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000538	25.212	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.213: Spreading and modulation (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000539	25.213	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.214: FDD; physical layer procedures

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000540	25.214	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.215: Measurements (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000541	25.215	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.221: Physical channels and mapping of transport channels onto physical channels (TDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000542	25.221	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.222: Multiplexing and channel coding (TDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000543	25.222	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.224: TDD; physical layer procedures

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000544	25.224	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.225: Measurements (TDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000545	25.225	3.4.0	Agreed CRs	approved	3.5.0

CRs to TR 25.944: Channel coding and multiplexing examples

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000546	25.944	3.2.0	Agreed CRs	approved	3.3.0

5.2 TSG-RAN WG2

5.2.1 Report from TSG-RAN WG2

RP-000561 Report from WG2 chairman to TSG-RAN (TSG-RAN WG2 Chairman)

RP-000562 Supplement (List of agreed CRs) to Report from WG2 chairman to TSG-RAN (TSG-RAN WG2 Chairman)

Denis Fauconnier (Chairman TSG-RAN WG2) presented this report (RP-000561) by telephone. Hans van der Veen (Secretary TSG-RAN WG2) presented the supplement of agreed CRs (RP-000562). Additionally, the status reports of the Work Items and Study Items for which TSG-RAN WG2 is the leading WG can be found in RP-000554 (see agenda item 6).

Presentation:
- Highlights Release '99 (CR list in RP-000562):
    - A lot of extra Ad Hoc meetings on RRC had been held (RRC experts had in total attended 7 meetings in the past 6 months).
    - Many meetings, many working hours, but December 2000 is an essential milestone for R'99.
    - 6 months action on RRC successfully completed (at the expense to hard work!) for TSG-RAN #10
    - Finalisation of outstanding RLC decisions (performance, timers, RLC reset)
    - Conclusions on all points treated in joint meetings with WG4:
        - Measurements in CELL_FACH state
        - Measurement report in RACH messages
        - PLMN selection:
            - It was identified that issue spans many groups, and a Workshop may be required.
        - Cell reselection performance provided by RAN WG4 => Immediate Cell Evaluation was deleted
        - Documentation for RRC performance specifications:
            - Layer 1 related procedures in WG4 specifications
            - Non Layer 1 related procedures in 25.331
    - CR 520, that had been postponed at TSG-RAN #9 was withdrawn.
    - Measurements signalling may be simplified
        - As per discussions in joint WG2/WG4
    - Optimisation of signalling for compressed mode
        - As per request from WG4
    - SRNS relocation vs. security
        - E-mail discussion ongoing, some remaining difficulties
    - Activation time
        - May not be a problem finally
    - Hard coded pre-configurations
        - Request from operators. Principles were agreed, signalling and selection of parameters need to be finalised, in line with other WGs.
    - PLMN selection and re-selection
        - Workshop?
- Release 2000 (details in RP-000554, agenda item 6):
    - Some Rel-4 progress, but little available time so far

- Little time allowed in main meeting due to heavy workload on release 99, both for WI under WG2 or under WG1 (essentially Power Saving feature)
- More time expected from January, but schedule is extremely tight!
- Both Low Chip Rate TRs are stable and presented for approval to RAN Plenary in v2.0.0. CRs should be written for March 2001
- Concluding remarks:
  - RRC: Progress has been decisive. Action started 6 months ago on RRC reached a very essential milestone for RRC Dec 00.
  - RLC: Probably last key decisions were taken, now completion is close.
  - Other protocols are stable.
  - Standard quality needs to be improved, but has already made significant progress.
  - The Chairman wanted to thank all companies for the hard work accomplished, in particular RRC experts, and for the excellent team spirit which has allowed to close this 6 months efforts successfully.Chairman was proud of results achieved by RAN WG2 experts. Please sustain efforts and keep experts active in RAN WG2

Discussion:
- The need to have the information in TR 25.926 normative had been identified a few months ago. Since a TR is not normative by definition, there were two solutions: move everything to RRC, or make the TR a TS. It was felt that RRC was big enough, so the preferred solution was to make the TR a TS instead. There would only be one place to collect the UE capabilities, namely (TS 25.306), although there will be both a R'99 and Rel-4 version of that document. TR 25.834 is a temporary document, not for publication, to capture agreements until the time when CRs can be written to 25.306.
- With respect to the UE positioning topics, the first one (OTDOA-IPDL for TDD) would probably be finished in March 2001. The other two were under discussion.
- Work on hard-coded preconfigurations should be finished by March. WG2 is going to do the RLC parameters (essentially) and expects WG1 to do the parameters relevant to layer 1. The selected RABs are the basis for work in WG1; new ones would be introduced only if necessary. The available RABs are quite complete (34.108). The new version of 34.108 (after this week) would be used for further review in WG1.
- Hybrid ARQ will be part of the discussion on HSDPA in the Ad Hoc in January.

Decision: The report was noted. A workshop on PLMN was felt to be useful, and would be highlighted to TSG-SA. The WG1 and WG2 chairmen were requested to have a joint Ad Hoc on HSDPA before the March plenary in Palm Springs.

5.2.2   Discussions on decisions from TSG-RAN WG2

RP-000669"Proposed CR 597r4 to 25.331 on RRC Connection Management Procedures, Generic procedures and actions" (Nokia)
This document was replaced by RP-000715, which has the same contents as revision 3, but with a revised cover sheet, see agenda item 5.2.3 on 25.331.

5.2.3   Approval of contributions from TSG-RAN WG2

CRs to TS 25.302: Services provided by the Physical Layer

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000563	25.302	3.6.0	Agreed CRs	approved	3.7.0

CRs to TS 25.303: Interlayer Procedures in Connected Mode

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000564	25.303	3.5.0	Agreed CRs	approved	3.6.0

CRs to TS 25.304: UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000565	25.304	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.305: Stage 2 Functional Specification of Location Services in UTRAN

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000566	25.305	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.321: MAC protocol specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000567	25.321	3.5.0	Agreed CRs	approved	3.6.0

CRs to TS 25.322: RLC Protocol Specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000568	25.322	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.324: Broadcast/Multicast Control BMC

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000569	25.324	3.2.0	Agreed CRs	approved	3.3.0

CRs to TS 25.331: RRC Protocol Specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000570	25.331	3.4.1	Agreed CRs (1)	approved	3.5.0
RP-000571	25.331	3.4.1	Agreed CRs (2)	approved	3.5.0
RP-000572	25.331	3.4.1	Agreed CRs (3)	approved	3.5.0
RP-000573	25.331	3.4.1	Agreed CRs (4)	approved	3.5.0
RP-000574	25.331	3.4.1	Agreed CRs (5)	approved 1)	3.5.0
RP-000715	25.331	3.4.1	CR 597r5	approved	3.5.0
RP-000684	25.331	3.4.1	CR 641 [principle agreed, CR forgotten in WG2]	approved 2)	3.5.0

1) Except CR 597r3. An Ad Hoc meeting was held to resolve differences. Nokia asked for the following summary to be minuted: "In the offline discussion, the reasons for different views had been clarified and it became obvious that one of the reasons had been inconsistency in the TS 25.331. Reading different parts of the specification gives different conclusions on the need for correction. The correction in revision 3 was also discussed and it was concluded that the correction could have been done with fewer functional impacts. Based on the offline discussions revision 3 was agreed once the reasons for different views were finally understood by the participants of the discussion."

It was decided that no changes were needed to the actual contents of the CR. The CR with the revised cover sheet was provided as CR 597r5, which was approved.

2) The CR had been circulated on the WG2 mail reflector without comments. Alcatel mentioned that introduction of new scenarios had been discussed in the joint WG2/WG4 meeting and supported by

some operators, but the WG4 Chairman stated that there had been no agreement on this issue. The CR was approved.

CRs to TR 25.921: Guidelines and Principles for protocol description and error handling

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000575	25.921	3.1.0	Agreed CRs	approved	3.2.0

CRs to TR 25.922: Radio Resource Management Strategies

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000576	25.922	3.3.0	Agreed CRs	approved	3.4.0

CRs to TR 25.925: Radio Interface for Broadcast/Multicast Services

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000577	25.925	3.2.0	Agreed CRs	approved	3.3.0

CRs to TR 25.926: UE Radio Access Capabilities

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000578	25.926	3.2.0	Agreed CRs	approved 1) 2)	*25.306* 3.0.0 2)

1) CR 015r1 (source WG1) was approved already during the discussion on WG1 results.
2) References in all other TSs and TRs to be checked by MCC, version should be 25.306v3.0.0. With this condition the CRs were approved.

CRs to TS 34.109: Terminal logical test interface; Special conformance testing functions

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000579	34.109	3.1.0	Agreed CRs	approved	3.2.0

5.3 TSG-RAN WG3

5.3.1 Report from TSG-RAN WG3

RP-000606 Report from WG3 chairman to TSG-RAN (TSG-RAN WG3 Chairman)
Carolyn Taylor (Secretary TSG-RAN WG3) presented this report.
Presentation:
- Since the last TSG RAN, WG3 had focused on corrections for R'99;
- All R'99 open issues presented at RAN#9 had been solved. Besides these, there had been even more contributions to solve other issues. However, still some consistency checking and improvement had been identified as needed, mainly on RNSAP and NBAP specifications to improve their quality;
- RAN WG3 had been mainly focusing on R'99 issues, thus giving quite little time for progressing the R00 aspects. However, two 3 days ad hocs on IP transport in UTRAN work item were held which allowed some progress;
- While solving the open issue of references to WG4 specifications, WG3 pointed out the following issue: Non dated references to TS or TR shall refer to the latest version of the TS or TR but consistently within one release.
Discussion:

- There was a discussion on version handling. On the basis of an update to RP-000532, the issue would be handled in TSG-SA.

Decision: The report was noted.

5.3.2 Discussions on decisions from TSG-RAN WG3

There was no input for this agenda item.

5.3.3 Approval of contributions from TSG-RAN WG3

CRs to TS 25.401: UTRAN Overall Description

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000607	25.401	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.402: Synchronisation in UTRAN Stage 2

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000608	25.402	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.410: UTRAN Iu Interface: General Aspects and Principles

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000609	25.410	3.2.0	Agreed CRs	approved	3.3.0

CRs to TS 25.411: UTRAN Iu interface Layer 1

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000610	25.411	3.2.0	Agreed CRs	CR 002 approved; CR 003 rejected 1)	3.3.0

1) CR 003r1 tried to introduce optionality for Iu, Iur and Iub to support fractional ATM. There were objections for the Iur and Iub case, where this should be mandatory. This needed to be checked by Carolyn. The outcome of the check was that WG3 had no problem in having TSG-RAN reject the CR and having WG3 revisit the issue. CR 003r1 was rejected.

CRs to TS 25.412: UTRAN Iu interface signalling transport

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000611	25.412	3.5.0	Agreed CRs	approved	3.6.0

CRs to TS 25.413: UTRAN Iu interface RANAP signalling

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000612	25.413	3.3.0	Agreed CRs (1)	replaced by RP-000695	-
RP-000695	25.413	3.3.0	Agreed CRs (1)	approved	3.4.0
RP-000613	25.413	3.3.0	Agreed CRs (2)	approved	3.4.0

CRs to TS 25.414: UTRAN Iu interface data transport & transport signalling

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000614	25.414	3.5.0	Agreed CRs	approved	3.6.0

CRs to TS 25.415: UTRAN Iu interface user plane protocols

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000615	25.415	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.419: UTRAN Iu Interface: Service Area Broadcast Protocol SABP

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000616	25.419	3.2.0	Agreed CRs	approved	3.3.0

CRs to TS 25.422: UTRAN Iur interface signalling transport

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000617	25.422	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.423: UTRAN Iur interface RNSAP signalling

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000618	25.423	3.3.0	Agreed CRs (1)	approved	3.4.0
RP-000619	25.423	3.3.0	Agreed CRs (2)	approved	3.4.0
RP-000620	25.423	3.3.0	Agreed CRs (3)	Replaced by RP-000696	-
RP-000696	25.423	3.3.0	Agreed CRs (3)	approved	3.4.0
RP-000621	25.423	3.3.0	Agreed CRs (4)	approved	3.4.0

CRs to TS 25.424: UTRAN Iur interface data transport & transport signalling for CCH data streams

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000622	25.424	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.425: UTRAN Iur interface user plane protocols for CCH data streams

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000623	25.425	3.2.0	Agreed CRs	approved	3.3.0

CRs to TS 25.426: UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000624	25.426	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.427: UTRAN Iur and Iub interface user plane protocols for DCH data streams

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000625	25.427	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.430: UTRAN Iub Interface: General Aspects and Principles

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000626	25.430	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.433: NBAP specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000627	25.433	3.3.0	Agreed CRs (1)	approved	3.4.0
RP-000628	25.433	3.3.0	Agreed CRs (2)	approved	3.4.0
RP-000629	25.433	3.3.0	Agreed CRs (3)	replaced by RP-000697	-
RP-000697	25.433	3.3.0	Agreed CRs (3)	approved	3.4.0
RP-000630	25.433	3.3.0	Agreed CRs (4)	approved	3.4.0

CRs to TS 25.434: UTRAN Iub interface data transport & transport signalling for CCH data streams

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000631	25.434	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.435: UTRAN Iub interface user plane protocols for CCH data streams

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000632	25.435	3.4.0	Agreed CRs	approved	3.5.0

CRs to TR 25.931: UTRAN Functions, Examples on Signalling Procedures

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000633	25.931	3.1.0	Agreed CRs	approved	3.2.0

CRs to TR 29.108: Application of the Radio Access Network Application Part (RANAP) on the E-interface

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000634	29.108	3.0.0	Agreed CRs	approved	3.1.0

Reports from WG3 for information

Tdoc	Agreed as report	Presented as version	Title	Result	Final version
RP-000666 / RP-000665 (cover)	30.531	0.8.5	Workplan	replaced by RP-000688 / RP-000687	-
RP-000688 / RP-000687 (cover)	30.531	0.8.5	Workplan	noted	0.8.5

Reports from WG3 for approval

Tdoc	Agreed as report	Presented as version	Title	Result	Final version
RP-000636 / RP-000635 (cover)	25.932 1)	2.0.0	Delay Budget within the Access Stratum	approved 1)	25.853 3.0.0 1)

1) Absolute values might not be exactly the ones needed in the physical layer in practice; in the scope it should be make clear that the figures are not requirements on equipment and were strictly for the sake of example (they could be considered worst-case examples);
There were also some strange dated references, to non-approved versions of a report ([15]) and to 03.05 Release '97 ([13]) (since later versions had actually removed the section that was referred to!);
The document had better be produced as a 3GPP-internal document (25.800-series), to avoid publishing a document that could be (mis)used to prove how 'bad' the situation is (i.e. to avoid bad

publicity). This was the reason why this kind of information had been removed from 03.05 etc. With these warnings and a change to 25.853, it was approved.

5.4 TSG-RAN WG4

5.4.1 Report from TSG-RAN WG4

RP-000584 Report from WG4 chairman to TSG-RAN (TSG-RAN WG4 Chairman)
Howard Benn (Chairman TSG-RAN WG4) presented this report.
Presentation:
- Release '99:
  - Good progress had been made since RAN#9;
  - The number and magnitude of corrections to the BTS and UE release '99 specifications were reducing, and yet again significant progress had been made on the RRM documents;
  - More corrections to the RRM documents should be expected at RAN #11.
- Release 4:
  - Work on release 4 (R00) work items was also progressing well;
  - One adhoc on narrowband and wideband TDD interworking was held (see LS RP-000524), and one adhoc on UMTS 1800.
  - Narrowband TDD, BS classifications and FDD repeaters were near completion with the technical reports available. Either new TS's or CR's to release 4 specifications should be expected at RAN#12.

Discussion:
- The request that had been done by TSG-RAN to TSG-RAN WG4 to study the interference issues around the different TDD options had been completed, although there were additional requests for more cases to be studied. This would be discussed in the discussion on the Rel-4 Low Chip Rate WI.

Decision: The report was noted.

5.4.2 Discussions on decisions from TSG-RAN WG4

There was no input for this agenda item.

5.4.3 Approval of contributions from TSG-RAN WG4

CRs to TS 25.101: UE Radio transmission and reception (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000585	25.101	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.102: UE Radio transmission and reception (TDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000586	25.102	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.104: BTS Radio transmission and reception (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000587	25.104	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.105: BTS Radio transmission and reception (TDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000588	25.105	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.113: Base station EMC

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000589	25.113	3.3.0	Agreed CRs	replaced by RP-000719	-
RP-000719	25.113	3.3.0	Agreed CRs	approved 1)	3.4.0

1) [SECRETARY's NOTE: RP-000589 had been approved in the meeting. However, it was discovered that the CR numbers of the documents in RP-000589 were wrong, as the same number had been used more than once. The only difference between documents RP-000589 and RP-000719 is a correction of the CR numbers.]

CRs to TS 25.123: Requirements for support of Radio Resource Management (TDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000590	25.123	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.133: Requirements for support of Radio Resource Management (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000591	25.133	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.141: Base station conformance testing (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000592	25.141	3.3.0	Agreed CRs (1)	approved	3.4.0
RP-000593	25.141	3.3.0	Agreed CRs (2)	approved 1)	3.4.0
RP-000703	25.141	3.3.0	CR 062r1	approved	3.4.0

1) CR 062 was revised by RP-000703. Nortel Networks mentioned that it was rather concerned with the working procedures adopted by TSG-RAN WG4 and expressed its opinion that this should not happen again. The WG4 Chairman agreed on this and supported the comments and would make sure that it would not happen again. CR 062r1 (RP-000703) was approved.

CRs to TS 25.142: Base station conformance testing (TDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000594	25.142	3.3.0	Agreed CRs	approved	3.4.0

5.5   ITU Ad Hoc

RP-000672 Status Report (ITU-R Ad Hoc contact person)
Giovanni Romano (CSELT) presented this report.
Discussion: The documents were presented on behalf of Nicola Pio Magnani (ITU-R Ad Hoc contact person). ITU-R WP 8F had been unable to reach agreement on the panned Revision 1 of Recommendation ITU-R M.1457 ("Detailed Specifications of the Radio Interfaces of IMT-2000") in respect to the terrestrial radio interfaces. In fact it was not possible to achieve consensus on the definition of 'routine' and 'non-routine' changes. However, no questions nor concerns were raised on the material developed by TSG RAN. A new procedure had been defined on updating the document, see RP-000675.

Decision: The report was noted.

RP-000673 Submission of future updates of WCDMA to ITU-R WP 8F (ITU-R Ad Hoc)
Giovanni Romano (CSELT) presented this document.
Discussion: This document was a technical response following the new procedure laid down by ITU-R.
There were several editorial errors, the use of the term W-CDMA needed to be corrected and small
comments had been given already, so a new revision would be produced.
Decision: The document was noted. The appropriateness of providing the five annexes to ITU-R was
confirmed. A revision, based on offline discussion, was provided in RP-000708.

RP-000708 Submission of future updates of WCDMA to ITU-R WP 8F (ITU-R Ad Hoc)
Giovanni Romano (CSELT) presented this document.
Discussion: There was a request to include the documents containing the approved work items and study
items (work item sheets). In response to this, it was clarified that ITU-R WP 8F could not handle too much
detail, and that the WI sheets were not really appropriate. There was also concern that no distinction was
made between WIs and SIs. In response to this, it was clarified that ITU-R WP 8F is only interested in what
work is foreseen, not whether it is a WI or an SI. It was requested to include information on UMTS 1800. It
was pointed out that the description of this needed to be very careful.
After offline discussion it was proposed to change the words "significant ..." with "new areas". Editorial
error: Annex 6 should be Annex 7.
Decision: With the latest two changes, the text of the document was approved. The revision with the
approved text of the actual LS would be in RP-000718.

RP-000718 Submission of future updates of WCDMA to ITU-R WP 8F (ITU-R Ad Hoc)
Decision: The document was approved. It would be left to the ITU-R Ad Hoc group to do necessary changes
to the annexes based on the progress in the WGs, which would then be circulated on the TSG-RAN e-mail
reflector for approval. The period for approval would be one week.

RP-000674 Comments on the update procedure for revisions of Recommendation ITU-R M.1457 (ITU-R Ad Hoc)
Giovanni Romano (CSELT) presented this document.
Discussion: This draft response to RP-000675 had been drafted by the ITU-R Ad Hoc group. The tone was
felt to be a bit strong, although the principles of the LS were agreed. Giovanni Romano (CSELT) would chair
an offline discussion on this issue.
Decision: The document was noted. An update was provided in RP-000709.

RP-000709 Comments on the update procedure for revisions of Recommendation ITU-R M.1457 (ITU-R Ad Hoc)
Giovanni Romano (CSELT) presented this document.
Decision: The document was approved to be sent as LS to ITU-R through the normal procedures.

RP-000675 Update procedure for revisions of Recommendation ITU-R M.1457 (ITU-R Ad Hoc contact person)
Giovanni Romano (CSELT) presented this document.
Discussion: This document introduced an update of the procedure for Revisions of Recommendation ITU-R
M.1457 (Detailed specifications of the radio interfaces of IMT-2000). It introduced a large overhead for
TSG-RAN. The ITU Ad Hoc group had drafted an LS to ITU-R with comments (see RP-000674).
Decision: The document was noted.

6 Release 4 and 5

IMPORTANT

1) It was clarified and brought once more to the WGs' attention that it is every WI's rapporteur's responsibility to collect the information on his/her WI in all Working Groups in all TSGs. The rapporteur's responsibilities were clarified in an annex of the minutes of the TSG-RAN #8 plenary in Düsseldorf. Normally this should be seen by the WG, then presented by the WG Chairman or his representative. The Release 4 and 5 issues are handled by Work Item, not by Working Group, so it is important to have all information available together.

2) WGs are requested to pay more attention to the correct version number (v0.x.x means less than 50% complete, v2.0.0 is for approval etc.). Also, it was stressed that much more attention should be paid to the cover sheets. These cover sheets are important for the visibility in TSG-RAN plenary and are really required to understand the progress.

General

RP-000528 Work Item sheets - latest situation (Secretary)
Decisions per Work Item:
1. *Low chip rate TDD option.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
2. *Base station classification.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
3. *FDD Base station classification.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
4. *TDD Base station classification.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
5. *UE positioning in UTRA TDD.*
    Replaced by 34. and 35.
6. *UE positioning in UTRA FDD.*
    Replaced by 34. and 35.
7. *Hybrid ARQ II/III.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
8. *NodeB Synchronisation for TDD.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
9. *UTRA FDD Repeater Specification.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
10. *QoS optimization for AAL type 2 connections over Iub and Iur interfaces.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
11. *Terminal power saving features.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
12. *PS-Domain handover for real-time services.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
13. *RAB Quality of Service Negotiation/Renegotiation over Iu.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.

14. *RRM optimizations for Iur and Iub*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
15. *Radio access bearer support enhancement*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
16. *Improvement of inter-frequency and inter-system measurements*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
17. *Improved usage of downlink resource in FDD for CCTrCHs of dedicated type*.
    The WI was decided to be moved to Rel-5.
18. *IP Transport in UTRAN*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
19. *Transcoder Free Operations in UTRAN*
    A revised WI sheet was provided in RP-000679, see agenda item 6.4.
20. *Evolution of the transport in the UTRAN*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
21. *Radio Interface Improvement Feature*.
    The WI sheet needs to be revised based on the discussion on RP-000605. Francois Courau (Vice-Chairman) would provide this to be approved by e-mail (one week after distribution on the reflector).
22. *RAN Improvement Feature*.
    The WI sheet needs to be revised based on the discussion on RP-000605. Francois Courau (Vice-Chairman) would provide this to be approved by e-mail (one week after distribution on the reflector).
23. *UE Positioning*.
    The WI sheet was endorsed.
24. *Void*.
    This Work Item was deleted in TSG-RAN #9.
25. *Requirement on Equipment*.
    This Work Item was agreed to be deleted.
26. *Low Chip Rate TDD Physical Layer*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
27. *Low chip rate TDD layer 2 and layer 3 protocol aspects*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
28. *Low Chip Rate TDD RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
29. *Smart antenna*.
    Since smart antenna was already included in existing TDD, and no differences are foreseen for low chip rate TDD, this Work Item was agreed to be deleted.
30. *Low Chip Rate TDD UE radio access Capability*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
31. *Low chip rate TDD UTRAN network Iub/Iur protocol aspects*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
32. *RAB Quality of Service Negotiation over Iu*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
33. *RAB Quality of Service Renegotiation over Iu*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
34. *Iub/Iur interfaces for UE positioning methods supported on the radio interface release 99*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
35. *UE positioning enhancements*.
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.

36. *RAN Technical Small Enhancements and Improvements.*
    The WI sheet may need to be revised based on the discussion on RP-000605. Francois Courau (Vice-Chairman) would provide this to be approved by e-mail (one week after distribution on the reflector).
37. *DSCH power control improvement in soft handover.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
38. *Migration to Modification procedure.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.
39. *UMTS 1800.*
    No changes were required to the WI sheet. Therefore the WI sheet was re-endorsed.

RP-000529 Study Item sheets - latest situation (Secretary)
Decisions per Study Item:
1. *Radio link performance enhancements.*
   No changes were required to the SI sheet. Therefore the SI sheet was re-endorsed.
2. *High speed downlink packet access.*
   No changes were required to the SI sheet. Therefore the SI sheet was re-endorsed.
3. *USTS.*
   A revised WI sheet was provided in RP-000702, see agenda item 6.6.11, but was withdrawn. Currently no changes were required to the SI sheet. Therefore the SI sheet was re-endorsed.
4. *Feasibility Study for Improved Common DL Channel for Cell-FACH State.*
   No changes were required to the SI sheet. Therefore the SI sheet was re-endorsed.
5. *Feasibility Study of UE antenna efficiency test methods performance requirements*
   No changes were required to the SI sheet. Therefore the SI sheet was re-endorsed.

RP-000530 TS 21.102 v1.1.0 (MCC)
John Meredith (MCC) presented this document.
Decision: The document was noted.

RP-000600 TS 41.001 first draft (MCC)
John Meredith (MCC) presented this document.
Decision: The document was noted.

RP-000601 Specs status list prior to TSGs#10 (MCC)
This document was for information only.
Decision: The document was noted.

RP-000554 Work Item and Study Item Status reports TSG-RAN WG2 (TSG-RAN WG2)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this document by telephone.
Discussion: See individual WIs.
Decision: The document was noted.

RP-000705 TSG-RAN WG3 status for WIs (TSG-RAN WG3 Vice-Chairman)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented this document.
Discussion: See individual WIs.
Decision: The document was noted.

RP-000698 RAN4 WI Sheets - Latest situation (Nortel Networks)
Howard Benn (TSG-RAN WG4 Chairman) presented this document.
Discussion: See individual WIs.
Decision: The document was noted.

RP-000699 RAN4 Study Item Sheets - Latest situation (TSG-RAN WG4 Chairman)
Howard Benn (TSG-RAN WG4 Chairman) presented this document.
Discussion: See individual WIs.
Decision: The document was noted.

6.1 Requirement on Equipment

6.1.1 Base station classification

6.1.1.1 FDD Base station classification

Status

See RP-000698; on schedule.

RP-000597 Cover Sheet for TR 25.951 (TSG-RAN WG4)

RP-000598 TR 25.951 v1.0.0 (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this document.
Decision: The document was noted.

6.1.1.2 TDD Base stations classification

Status

See RP-000698; on schedule.

RP-000692 Coversheet for TR 25.952 (TSG-RAN WG4)

RP-000693 TR 25.952 v1.0.0 (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this document.
Decision: The document was noted.

6.1.2 UTRA Repeater Specification

Status

See RP-000698; on schedule.

RP-000595 Cover sheet for TS 25.106 (TSG-RAN WG4)

RP-000596 TS 25.106 v1.1.0 (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this TS.
Decision: The TS was noted.

RP-000670 Cover sheet for TS 25.143 (TSG-RAN WG4)

RP-000671 TS 25.143 v1.0.0 (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this TS.
Decision: The TS was noted.

6.1.3 Study Item: Feasibility study of UE antenna efficiency test methods performance requirements

Status

See RP-000699.

6.2 RAN Improvement Feature

6.2.1 RRM optimizations for Iur and Iub

Status

See RP-000705. Part of it will be completed for TSG-RAN #11, but not all.

RP-000647 Cover sheet for TR 25.935 (TSG-RAN WG3)

RP-000648 TR 25.935 v0.1.1 (TSG-RAN WG3)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented this TR.
Decision: The TS was noted.

6.2.2 PS-Domain Handover for real-time services

Status

See RP-000705.

RP-000649 Cover sheet for TR 25.936 (TSG-RAN WG3)

RP-000650 TR 25.936 v0.3.0 (TSG-RAN WG3)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented this TR.
Decision: The TR was noted.

6.2.3 RAB Quality of Service Negotiation/Renegotiation over Iu

6.2.3.1 RAB Quality of Service Negotiation over Iu

Status

See RP-000705.

RP-000655 Cover sheet for TR 25.946 (TSG-RAN WG3)

RP-000656 TR 25.946 v0.1.1 (TSG-RAN WG3)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented this TR.
Decision: The TR was noted.

6.2.3.2   RAB Quality of Service Re-negotiation over Iu

Status

See RP-000705. This WI is not very stable and it is not impossible to be finished by March, but unlikely.

RP-000659 Cover sheet for TR 25.851 (TSG-RAN WG3)

RP-000660 TR 25.851 v0.0.2 (TSG-RAN WG3)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented this TR.
Decision: The TR was noted.

6.3   Evolution of the transport in the UTRAN

6.3.1   IP Transport in UTRAN

Status

See RP-000705.

RP-000643 Cover sheet for TR 25.933 (TSG-RAN WG3)

RP-000644 TR 25.933 v0.4.0 (TSG-RAN WG3)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented this TR.
Decision: The TR was noted.

6.3.2   QoS optimization for AAL type 2 connections over Iub and Iur interfaces

Status

See RP-000705.

RP-000645 Cover sheet for TR 25.934 (TSG-RAN WG3)

RP-000646 TR 25.934 v0.2.1 (TSG-RAN WG3)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented this TR.
Decision: The TR was noted.

6.4   Transcoder Free Operations in UTRAN

Status

See RP-000705. There is a high risk that this will not be finished.

RP-000679 Revised WI sheet for WI "Transcoder Free Operation" (TSG-RAN WG3)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented this WI sheet.
Discussion: The leading group on this issue is CN.
Decision: The WI sheet was endorsed.

RP-000663 Cover sheet for TR 25.953 (TSG-RAN WG3)

RP-000664 TR 25.953 v0.0.3 (TSG-RAN WG3)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented this TR.
Decision: The TR was noted.

6.5 UE Positioning

6.5.1 Iub/Iur interfaces for UE positioning methods supported on the radio interface Release '99

Status

See RP-000705. No problem is foreseen in completing this WI. It was noted that it was important to finish. There was company support for this issue. Input was required to finish it.

RP-000657 Cover sheet for TR 25.850 (TSG-RAN WG3)

RP-000658 TR 25.850 v0.0.2 (TSG-RAN WG3)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented this TR.
Discussion: The cover sheet was wrong and would be replaced.
Decision: The TR was noted.

6.5.2 UE positioning enhancements

Status

See RP-000554.

RP-000580 Cover Sheet for TR 25.847 (TSG-RAN WG2)

RP-000581 TR 25.847 v1.0.0 (TSG-RAN WG2)
Hans van der Veen (TSG-RAN WG2 Secretary) presented this TR.
Discussion: The cover sheet was not very informative, as it was not complete. The OTDOA-PE had not been decided on in the UP Ad Hoc yet. The concept had not been agreed yet. WG1 had sent an LS to say that various impacts on WG1 are unclear.
Decision: The TR was noted.

6.6 Radio Interface Improvement Feature

6.6.1 Improved usage of downlink resource in FDD for CCTrCHs of dedicated type

Status

No progress. It was decided to move this WI for Rel-5. The WG2 Chairman's view was that this could be finished by September 2001 (estimate). This was approved.

6.6.2 Radio access bearer support enhancement

Status

See RP-000554. Work on ROHC was done mostly in IETF, was in time and the timing in IETF looked compatible with a March approval. Work on header removal was done in TSG-GERAN. For WG3, it was clear that TSG-SA WG2 needed to provide input, so the issues depending on that were not foreseen to be finished by March.

RP-000559 Cover Sheet for TR 25.844 (TSG-RAN WG2)

RP-000560 TR 25.844 v1.0.0 (TSG-RAN WG2)
Hans van der Veen (TSG-RAN WG2 Secretary) presented this TR.
Decision: The TR was noted.

6.6.3 Hybrid ARQ II/III

Status

No progress (Rel-5 item). The WI may not be necessary any longer, since the work may be covered by the SI HSDPA. The TR was dormant. For the time being it was left as it is.

RP-000637 Cover sheet for TR 25.837 (TSG-RAN WG3)

RP-000638 TR 25.837 v0.1.0 (TSG-RAN WG3)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented this TR.
Decision: The TR was noted.

6.6.4 Study item: High speed downlink packet access

Status

See RP-000554. There was no progress in WG2, but there would be an Ad Hoc meeting in January in WG2 to progress the issue. Some progress was made in WG1. There could be a joint WG1/WG2 meeting on this issue also between now. The WG1 report TR 25.848 was not felt to be in a state to be seen by TSG-RAN yet.

RP-000582 Cover Sheet for TR 25.950 (TSG-RAN WG2)

RP-000583 TR 25.950 v0.x.x (TSG-RAN WG2)
This document was withdrawn as there had been no progress compared to TSG-RAN #6.

6.6.5   Study item: Feasibility Study for Improved Common DL Channel for Cell-FACH State

Status

See RP-000554. This issue would also be treated in the Ad Hoc in January at which HSDPA is going to be discussed.

6.6.6   Terminal power saving features

Status

See RP-000694 below.

RP-000676 Status report for the work item "Terminal Power Saving Features" (TSG-RAN WG1)

RP-000681 Status report for the work item "Terminal Power Saving Features" (TSG-RAN WG1)

RP-000694 Status report for the work item "Terminal Power Saving Features" (TSG-RAN WG1)
Antti Toskala (TSG-RAN WG1 Chairman) presented this status report. RP-000676 was replaced by RP-000681, which was in turn replaced by RP-000694.
Discussion: There is doubt in WG2 that this WI is feasible in the network. WG2 has many questions, but has not had time in its last meeting to treat the WI. There is therefore a risk that this WI cannot be finished. The proponents of the WI believe it can be finished. However, it was pointed out that quite a lot of work can be foreseen for both WG2 and WG4 and that some impacts may have been overlooked. Several new issues could be identified.
Decision: The status report was noted.

RP-000552 Cover Sheet for TR 25.840 (TSG-RAN WG1)

RP-000680 Cover Sheet for TR 25.840 (TSG-RAN WG1)

RP-000548 TR 25.840 v2.0.0 (TSG-RAN WG1)
Antti Toskala (TSG-RAN WG1 Chairman) presented this TR. RP-000552 was replaced by RP-000680.
Discussion: The results were based on not using compressed mode. It was stated that using compressed mode would yield quite different results. All graphs were WG1-only results. WG2 and WG4 results were not covered. The graphs were based on random patterns. WG1 had not understood that v2.0.0 meant "for approval". The part that is not complete was not mentioned on the cover sheet.
Decision: Because of several open issues, the TR was noted, but not approved. In response to some questions, it was clarified that this feature was optional. If a UE capability says you support DSCH, the question is if that automatically means that gated transmission is supported. This was not clear yet. There was concern expressed that support of DSCH would be inextricably linked to support of gated transmission. The issue of optionality would be discussed in WG1. WG1 would come with a proposal and would circulate the proposal to other WGs for comment and finally discussion and decision at TSG-RAN plenary #11.

RP-000653 Cover sheet for TR 25.938 (TSG-RAN WG3)

RP-000654 TR 25.938 v0.1.1 (TSG-RAN WG3)
Decision: The TR was noted.

6.6.7   Smart antenna

Status

This WI has been deleted, see discussion above (under RP-000528).

6.6.8   NodeB Synchronisation for TDD

Status

See RP-000536. No further work is needed in WG1. WG4 had made some progress on this WI (see RP-000698).

RP-000551 Cover Sheet for TR 25.836 (TSG-RAN WG1)

RP-000547 TR 25.836 v2.0.0 (TSG-RAN WG1)
Antti Toskala (TSG-RAN WG1 Chairman) presented this TR.
Discussion: There was a opinion that this TR should not be approved from the same reason that TR on Terminal Power Saving was not approved. The rapporteur believed that the impact on WG2 would be minimal. The changes could probably be made directly to the relevant specifications. WG4 also did not foresee any problem. In response to the above question of procedure (since the Terminal Saving Feature was not approved), it was pointed out that there was a big difference between the open issues in both cases. In one case (Terminal Saving Feature) there were major concerns from another WG. In the other (this one) very small changes were foreseen. The Chairman stated that this was a case-by-case issue.
Decision: The TR was approved and placed under Change Control.

RP-000639 Cover sheet for TR 25.838 (TSG-RAN WG3)

RP-000640 TR 25.838 v0.1.1 (TSG-RAN WG3)
Decision: The TR was noted.

6.6.9   Improvement of inter-frequency and inter-system measurements

Status

See RP-000536. This was postponed to Rel-5 in TSG-RAN #9.

6.6.10   Study item: Radio link performance enhancements

Status

See RP-000536. DSCH power control improvement had been taken out already in a separate WI and no other WIs had been identified yet.

6.6.11   Study item: USTS

Status

See RP-000701.

RP-000701Status Report for the Study Item "Uplink Synchronous Transmission Scheme"
             (Rapporteur)
Antti Toskala (TSG-RAN WG1 Chairman) presented this status report.
Decision: The status report was noted.

RP-000702Revised SI sheet "USTS" (SK Telekom)
This document was withdrawn.

RP-000700USTS Cover Sheet (SK Telekom)
This document was withdrawn.

RP-000641Cover sheet for TR 25.839 (TSG-RAN WG3)

RP-000642TR 25.839 v0.1.0 (TSG-RAN WG3)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented this TR.
Decision: The TR was noted.

6.6.12   DSCH power control improvement in soft handover

Status

See RP-000536. WG3 has a separate TR that was in a very early stage and not submitted.

RP-000553Cover Sheet for TR 25.841 (TSG-RAN WG1)

RP-000549TR 25.841 v2.0.0 (TSG-RAN WG1)
Antti Toskala (TSG-RAN WG1 Chairman) presented this TR.
Discussion: There was one topic that could or could not be added, but it was to be decided still.
Decision: The TR was approved and placed under Change Control.

6.7   Low chip rate TDD option

RP-000690Comments on LS from RAN WG4 on coexistence of 1.28 MCPS TDD and 3.84 MCPA TDD
             (Telia)
This document was for information.

6.7.1   Low Chip Rate TDD Physical Layer

Status

See RP-000536. No more work was done on the TR, as work had been progressed on the 'working CRs'. It was not WG1's intention to bring the TR for approval any longer. After some discussion, it was decided that

for visibility reasons it is better to approve the TR. The contents were stable, but the TR had not been submitted by WG1 this time. The TR would be submitted for approval in TSG-RAN #11.

6.7.2   Low chip rate TDD layer 2 and layer 3 protocol aspects

Status

See RP-000554.

RP-000555 Cover Sheet for TR 25.834 (TSG-RAN WG2)

RP-000556 TR 25.834 v2.0.0 (TSG-RAN WG2)
Hans van der Veen (TSG-RAN WG2 Secretary) presented this TR.
Decision: The TR was approved and placed under change control.

6.7.3   Low Chip Rate TDD UE radio access Capability

Status

See RP-000554. The final details needed to be checked in WG1 again before a CR could be agreed by WG1. The data was sufficient for the TR though. First submission of CRs on layer 1 issues would be to WG1, which would inform WG2 of the results.

RP-000557 Cover Sheet for TR 25.843 (TSG-RAN WG2)

RP-000558 TR 25.843 v2.0.0 (TSG-RAN WG2)
Hans van der Veen (TSG-RAN WG2 Secretary) presented this TR.
Decision: The TR was approved and placed under change control.

6.7.4   Low chip rate TDD UTRAN network Iub/Iur protocol aspects

Status

See RP-000705. Under some conditions (as mentioned in the document), the deadline of March is feasible.

RP-000651 Cover sheet for TR 25.937 (TSG-RAN WG3)

RP-000652 TR 25.937 v0.3.1 (TSG-RAN WG3)

RP-000685 Cover sheet for TR 25.937 (TSG-RAN WG3)

RP-000686 TR 25.937 v0.3.1 (TSG-RAN WG3)
RP-000651 had been replaced by RP-000685. RP-000652 had been replaced by RP-000686.
Decision: The TR was noted.

6.7.5   Low chip Rate TDD RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing

Status

See RP-000698.

RP-000677 Cover sheet for TR 25.945 (TSG-RAN WG4)

RP-000678 TR 25.945 v2.0.0 (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this TR.
Discussion: The TR was for approval. Since base station to base station interference had not yet been analysed, some delegates felt that the TR could not yet be approved. Although analysis requested at TSG-RAN #9 to WG4 was completed, there was concern from several operators on the conclusion that there was no severe interference between the TDD options. The condition under which this conclusion was valid were felt by the operators to be not sufficient. Still, the WG4 chairman believed that this TR was more than 80% complete.
Decision: The TR was noted. TSG-RAN believes that this TR is nearly completed. However, the base station to base station interference scenario needs to be further analysed and solutions for interworking found. WG4 was tasked to do this work.

6.8   RAN Technical Small Enhancements and Improvements

Some issues were put under this by TSG-RAN WG4. See RP-000698. TR 25.846 was now no longer needed.

6.9   Others

6.9.1   UMTS 1800

Status

See RP-000698.

6.9.2   Migration to Modification procedure

Status

See RP-000705. Although no report is yet available, the impact seems low and it is not impossible that it can be finished by TSG-RAN #11 plenary.

6.9.3   Others

RP-000661 Cover sheet for TR 25.852 (TSG-RAN WG3)

RP-000662 TR 25.852 vx.x.x (TSG-RAN WG3)
This document was withdrawn.

RP-000683 Proposed Rel-5 WI "IP-based UTRAN architecture" (Nokia)

RP-000691 Proposed way forward with the WI "IP-based UTRAN architecture" (Nokia)

RP-000712 Presentation on the work item "IP based UTRAN architecture" (Nokia)
Antti Toskala (Nokia) presented these documents.
Discussion: The WI sheet was a first proposal. It was intended to be revised by an Ad Hoc meeting (with TSG-GERAN and possibly TSG-SA WG2 and/or TSG-SA WG3) if such a meeting was agreed upon, since it

was a big WI. It was commented that the results of the existing WI "IP transport" need to be taken into account. The intention was not to move all functionality from RNC to Node B as might be interpreted from the slides. The interaction between HSDPA and this WI needed further study as well. The objectives were not very clear. The topic of an Ad Hoc meeting could be a feasibility study, looking into framework interaction and operational requirements. This could then produce a clearer proposal.

Decision: The document was noted. Antti Toskala (Nokia) and Francois Courau (Vice-Chairman) would draft a scope of the Ad Hoc meeting and identify possible dates. A draft invitation to the Workshop can be found in RP-000711 (see Agenda Item 10).

RP-000713 Proposed Work Item description sheet for the inclusion of Multicast capability in RAN (Nokia)

Antti Toskala (Nokia) presented this document.

Discussion: There was a suggestion to go to TSG-SA with this proposed WI first. There was a BMC specification already in WG2, which could be enhanced.

Decision: The WI was noted. The proponent was encouraged to submit the WI to TSG-SA. If this was difficult, discuss on the TSG-RAN e-mail reflector and in any case start a discussion in WG2 for specific technologies.

RP-000689 Intra Domain Connection of RAN Nodes to Multiple CN Nodes:Overall System Architecture (Vodafone Group)

Amer El-Saigh (Vodafone Group) presented this document.

Discussion: It was felt it might be best to leave the target date open and ask WG3 (and WG2) to express an opinion, since it was the group who would do most work. It was difficult in TSG-RAN to agree a target date.

Decision: Under the condition that the feature was approved in TSG-SA, the WI was approved as a building block. No conclusion was reached on the target date. Feedback from WG2 and WG3 would be requested, which would be conveyed to TSG-RAN, TSG-CN and TSG-SA after the plenaries. The deadline for providing the feedback would be after the first WG2 and WG3 meetings following this plenary.

RP-000704 SA5-led Work Items for Release 2000 (UTRAN Operations and Maintenance procedures) (TSG-SA WG5)

Niels Skov Andersen (TSG-SA Chairman) presented this document.

Discussion: For testing and OAM specifications, the Rel-4 deadline was on purpose not specified very tightly. It was important to make sure that multi-vendor support would be only on interfaces where it would work. More information was needed for TSG-RAN WG3. Transport of OAM information was already available in TSG-RAN; however, this was only the transport of the information, not what was controlled. The main intention of this WI was understood to be to connect the TSG-RAN OAM issues to the main OAM system. The "top of the object tree" was specified by TSG-SA WG5, but the contents "below" (object modelling) needed to be developed by WG3. For R'99 the modelling had not been done.

Decision: The WI was noted. Feedback to TSG-SA WG5 from WG3 in particular would be requested, which would be conveyed to TSG-RAN, TSG-CN and TSG-SA after the plenaries Other WGs were requested to check if there was any impact on their work. The deadline for providing the feedback would be after the first WG meetings following this plenary. The issue that more information was needed would be flagged by the TSG-RAN Chairman to TSG-SA.

6.10   Overall RAN work plan

RP-000602 Workplan (MCC)

Alain Sultan (MCC) presented this document.

Discussion: There are several WIs in the workplan for which TSG-RAN WGs are asked to do work. However, little or no information is made available to the TSG-RAN WGs on those issues.
Decision: The document was noted.

RP-000603MCC review of workplan (MCC)
Alain Sultan (MCC) presented this document.
Decision: The document was noted. The report from WG3 on delay budget would be brought to the attention of TSG-SA by the TSG-RAN Chairman.

7   Technical co-ordination among WGs

There was no input for this agenda item.

8   Output to other groups

8.1   TSG-SA

General

For all forms:
-   The "Abstract of Document" and "Contentious Issues" should be removed.
-   "Accepted by TSG 10" should be removed (is for TSG-SA use).

RP-000714TSG-RAN WG1 Release 4 Submission forms (TSG-RAN WG1 Chairman)
Antti Toskala (TSG-RAN WG1 Chairman) presented these Release 4 Submission forms.
Decision: The forms were approved.

RP-000716TSG-RAN WG2 Release 4 Submission forms (TSG-RAN WG2 Chairman)
Hans van der Veen (TSG-RAN WG2 Secretary) presented these Release 4 Submission forms.
Discussion:
-   RAB support enhancements: would have March deadline.
-   CCTrCHs: would not be submitted (earlier decision).
-   UE positioning: would have March deadline.
Decision: The forms were approved with these changes.

RP-000707TSG-RAN WG3 Release 4 Submission forms (TSG-RAN WG3 Secretary)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented these Release 4 Submission forms.
Discussion:
-   For all, the "Tasks not completed" should be "CRs" or "CRs to be generated".
-   TrFO is missing and would be produced according to earlier decisions.
Decision: The forms were approved with these changes.

RP-000706TSG-RAN WG4 Release 4 Submission forms (TSG-RAN WG4 Chairman)
Howard Benn (TSG-RAN WG4 Chairman) presented these Release 4 Submission forms.
Discussion:

- The "Specifications affected" needed to be filled out in full (not "See WI sheet").
- RAN small TEI: would not be submitted.

Decision: The forms were approved with these changes.

8.2   ITU-R

RP-000709 Comments on the update procedure for revisions of Recommendation ITU-R M.1457 (ITU-R Ad Hoc) (see agenda item 5.5)

RP-000718 Submission of future updates of WCDMA to ITU-R WP 8F (ITU-R Ad Hoc) (see agenda item 5.5)

9   Project management

RP-000599 CRs to TS 21.900 (MCC)
John Meredith (MCC) presented this document.
Discussion: These were CRs for a TSG-SA document. Any comments were requested to be given directly to the author, preferably before TSG-SA, who would be requested to approve the CRs.
Decision: The document was noted.

RP-000531 CRs and moving to next release (MCC)
John Meredith (MCC) presented this document.
Decision: The document was noted.

RP-000532 Changes to stock text in the "References" clause of 3GPP specs (MCC)
John Meredith (MCC) presented this document.
Discussion: An update of this document was going to be handled in TSG-SA.
Decision: The document was noted.

RP-000604 Change tracking procedures for workplan (MCC)
Alain Sultan (MCC) presented this document.
Discussion: MS Project does not have a possibility to track changes; therefore this document proposed a procedure to keep track of changes. Endorsement was requested in all TSGs.
Decision: The document was endorsed.

RP-000605 TEI - Generic work items (MCC)
Alain Sultan (MCC) presented this document.
Discussion: Rather than a separate TEI for RAN, for CN etc., it was proposed to have one TEI for all groups.
Decision: The document was noted. There were similar comments as in the TSG-RAN #9 meeting in Hawaii and it was recommended to use the WI description for that instead as the basis. The proposal was supported in principle, under the condition that the wording was carefully drafted. The existing RAN small TEI would be deleted after the TEI approved by TSG-SA was circulated on the TSG-RAN e-mail reflector for approval within one week.

RP-000717 Guidance on Implementing CRs to Release 99 and Release 4 on the same specification before creation of the Release 4 version (Ad Hoc Group)

Francois Courau (TSG-RAN Vice-Chairman) presented this document.

Decision: The document was noted. The document needed to be presented to the WGs and the WGs need to conform to the procedures described.

10 Any Other Business

RP-000711 Draft Invitation to the workshop on UTRAN evolution (Drafting Group)

Antti Toskala (Nokia) presented this document.

Discussion: The document had been developed in the draft session agreed while discussion the Nokia-proposed Work Item on IP based UTRAN architecture (see agenda item 6.9.3). The name of the workshop could be interpreted wrongly. To make it clearer, in the first paragraph "e.g." would be changed to "i.e.".

Decision: The document was noted.

11 Closing of meeting

Yukitsuna Furuya (Chairman) thanked the host for the organisation and the delegates for their participation.

For future meetings, see Annex E.

Annex A: List of delegates

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Annex B: List of documents

Doc.No.	Title	Source	Ag.lt.	Comments
RP-000520	Proposed agenda	Chairman	2	
RP-000521	Draft Report of the 9th TSG-RAN meeting (Oahu, HI, USA, 20-22 September 2000)	Secretary	3	
RP-000522	Revised draft Report of the 9th TSG-RAN meeting (Oahu, HI, USA, 20-22 September 2000)	Secretary	3	
RP-000523	Approved Report of the 9th TSG-RAN meeting (Oahu, HI, USA, 20-22 September 2000)	Secretary	3	
RP-000524	(R4-000998, to TSG-RAN) Response to LS (R1-001321) on 1.28 Mcps TDD and 3.84 Mcps TDD co-existence studies in RAN4	TSG-RAN WG4	4.3	
RP-000525	(NP-000548, to TSG-RAN) LS on CR categories	TSG-CN	4.1	
RP-000526	(NP-000554, to TSG-RAN) LS on Categories for frozen releases	TSG-CN	4.1	
RP-000527	(TP-000175, to TSG-RAN) LS on Transfer of EMC documents 34.124 and 34.926	TSG-T	4.1	
RP-000528	Work Item sheets - latest situation	Secretary	6	
RP-000529	Study Item sheets - latest situation	Secretary	6	
RP-000530	TS 21.102 v1.1.0	MCC	6	
RP-000531	CRs and moving to next release	MCC	9	
RP-000532	Changes to stock text in the "References" clause of 3GPP specs	MCC	9	
RP-000533	LS (ITU-T) on Interpretation of Link characteristics parameter	ITU-T	4.2	
RP-000534	(T1-000265, copy TSG-RAN) LS on TR 21.905: Vocabulary for 3GPP Specifications	TSG-T WG1	4.1	
RP-000535	(T1-000266, copy TSG-RAN) LS on Urgency of resolving the measurement uncertainty in 34.121	TSG-T WG1	4.1	
RP-000536	Report from WG1 chairman to TSG-RAN	TSG-RAN WG1 Chairman	5.1.1	
RP-000537	CRs to TS 25.211	TSG-RAN WG1	5.1.3	
RP-000538	CRs to TS 25.212	TSG-RAN WG1	5.1.3	
RP-000539	CRs to TS 25.213	TSG-RAN WG1	5.1.3	
RP-000540	CRs to TS 25.214	TSG-RAN WG1	5.1.3	
RP-000541	CRs to TS 25.215	TSG-RAN WG1	5.1.3	
RP-000542	CRs to TS 25.221	TSG-RAN WG1	5.1.3	
RP-000543	CRs to TS 25.222	TSG-RAN WG1	5.1.3	
RP-000544	CRs to TS 25.224	TSG-RAN WG1	5.1.3	
RP-000545	CRs to TS 25.225	TSG-RAN WG1	5.1.3	
RP-000546	CRs to TR 25.944	TSG-RAN WG1	5.1.3	
RP-000547	TR 25.836 v2.0.0	TSG-RAN WG1	6.6.8	
RP-000548	TR 25.840 v2.0.0	TSG-RAN WG1	6.6.6	
RP-000549	TR 25.841 v2.0.0	TSG-RAN WG1	6.6.12	
RP-000550	Supplement (List of agreed CRs) to Report from WG1 chairman to TSG-RAN	TSG-RAN WG1 Chairman	5.1.1	
RP-000551	Cover Sheet for TR 25.836	TSG-RAN WG1	6.6.8	
RP-000552	Cover Sheet for TR 25.840	TSG-RAN WG1	6.6.6	RP-000680
RP-000553	Cover Sheet for TR 25.841	TSG-RAN WG1	6.6.12	
RP-000554	Work Item and Study Item Status reports TSG-RAN WG2	TSG-RAN WG2	6	
RP-000555	Cover Sheet for TR 25.834	TSG-RAN WG2	6.7.2	
RP-000556	TR 25.834 v2.0.0	TSG-RAN WG2	6.7.2	
RP-000557	Cover Sheet for TR 25.843	TSG-RAN WG2	6.7.3	
RP-000558	TR 25.843 v2.0.0	TSG-RAN WG2	6.7.3	

Doc.No.	Title	Source	Ag.lt.	Comments
RP-000559	Cover Sheet for TR 25.844	TSG-RAN WG2	6.6.2	
RP-000560	TR 25.844 v1.0.0	TSG-RAN WG2	6.6.2	
RP-000561	Report from WG2 chairman to TSG-RAN	TSG-RAN WG2 Chairman	5.2.1	
RP-000562	Supplement (List of agreed CRs) to Report from WG2 chairman to TSG-RAN	TSG-RAN WG2 Chairman	5.2.1	
RP-000563	CRs to TS 25.302	TSG-RAN WG2	5.2.3	
RP-000564	CRs to TS 25.303	TSG-RAN WG2	5.2.3	
RP-000565	CRs to TS 25.304	TSG-RAN WG2	5.2.3	
RP-000566	CRs to TS 25.305	TSG-RAN WG2	5.2.3	
RP-000567	CRs to TS 25.321	TSG-RAN WG2	5.2.3	
RP-000568	CRs to TS 25.322	TSG-RAN WG2	5.2.3	
RP-000569	CRs to TS 25.324	TSG-RAN WG2	5.2.3	
RP-000570	CRs to TS 25.331 (1)	TSG-RAN WG2	5.2.3	
RP-000571	CRs to TS 25.331 (2)	TSG-RAN WG2	5.2.3	
RP-000572	CRs to TS 25.331 (3)	TSG-RAN WG2	5.2.3	
RP-000573	CRs to TS 25.331 (4)	TSG-RAN WG2	5.2.3	
RP-000574	CRs to TS 25.331 (5)	TSG-RAN WG2	5.2.3	
RP-000575	CRs to TR 25.921	TSG-RAN WG2	5.2.3	
RP-000576	CRs to TR 25.922	TSG-RAN WG2	5.2.3	
RP-000577	CRs to TR 25.925	TSG-RAN WG2	5.2.3	
RP-000578	CRs to TR 25.926	TSG-RAN WG2, TSG-RAN WG1	5.2.3	
RP-000579	CRs to TS 34.109	TSG-RAN WG2	5.2.3	
RP-000580	Cover Sheet for TR 25.847	TSG-RAN WG2	6.5.2	
RP-000581	TR 25.847 v1.0.0	TSG-RAN WG2	6.5.2	
RP-000582	Cover Sheet for TR 25.950	TSG-RAN WG2	6.6.4	withdrawn
RP-000583	TR 25.950 v0.x.x	TSG-RAN WG2	6.6.4	withdrawn
RP-000584	Report from WG4 chairman to TSG-RAN	TSG-RAN WG4 Chairman	5.4.1	
RP-000585	CRs to TS 25.101	TSG-RAN WG4	5.4.3	
RP-000586	CRs to TS 25.102	TSG-RAN WG4	5.4.3	
RP-000587	CRs to TS 25.104	TSG-RAN WG4	5.4.3	
RP-000588	CRs to TS 25.105	TSG-RAN WG4	5.4.3	
RP-000589	CRs to TS 25.113	TSG-RAN WG4	5.4.3	RP-000719
RP-000590	CRs to TS 25.123	TSG-RAN WG4	5.4.3	
RP-000591	CRs to TS 25.133	TSG-RAN WG4	5.4.3	
RP-000592	CRs to TS 25.141 (1)	TSG-RAN WG4	5.4.3	
RP-000593	CRs to TS 25.141 (2)	TSG-RAN WG4	5.4.3	
RP-000594	CRs to TS 25.142	TSG-RAN WG4	5.4.3	
RP-000595	Cover sheet for TS 25.106	TSG-RAN WG4	6.1.2	
RP-000596	TS 25.106 v1.1.0	TSG-RAN WG4	6.1.2	
RP-000597	Cover Sheet for TR 25.951	TSG-RAN WG4	6.1.1.1	
RP-000598	TR 25.951 v1.0.0	TSG-RAN WG4	6.1.1.1	
RP-000599	CRs to TS 21.900	MCC	9	
RP-000600	TS 41.001 first draft	MCC	6	
RP-000601	Specs status list prior to TSGs#10	MCC	6	
RP-000602	Workplan	MCC	6	
RP-000603	MCC review of workplan	MCC	6	
RP-000604	Change tracking procedures for workplan	MCC	9	

Doc.No.	Title	Source	Ag.It.	Comments
RP-000605	TEI - Generic work items	MCC	9	
RP-000606	Report from WG3 chairman to TSG-RAN	TSG-RAN WG3 Chairman	5.3.1	
RP-000607	CRs to TS 25.401	TSG-RAN WG3	5.3.3	
RP-000608	CRs to TS 25.402	TSG-RAN WG3	5.3.3	
RP-000609	CRs to TS 25.410	TSG-RAN WG3	5.3.3	
RP-000610	CRs to TS 25.411	TSG-RAN WG3	5.3.3	
RP-000611	CRs to TS 25.412	TSG-RAN WG3	5.3.3	
RP-000612	CRs to TS 25.413 (1)	TSG-RAN WG3	5.3.3	RP-000695
RP-000613	CRs to TS 25.413 (2)	TSG-RAN WG3	5.3.3	
RP-000614	CRs to TS 25.414	TSG-RAN WG3	5.3.3	
RP-000615	CRs to TS 25.415	TSG-RAN WG3	5.3.3	
RP-000616	CRs to TS 25.419	TSG-RAN WG3	5.3.3	
RP-000617	CRs to TS 25.422	TSG-RAN WG3	5.3.3	
RP-000618	CRs to TS 25.423 (1)	TSG-RAN WG3	5.3.3	
RP-000619	CRs to TS 25.423 (2)	TSG-RAN WG3	5.3.3	
RP-000620	CRs to TS 25.423 (3)	TSG-RAN WG3	5.3.3	RP-000696
RP-000621	CRs to TS 25.423 (4)	TSG-RAN WG3	5.3.3	
RP-000622	CRs to TS 25.424	TSG-RAN WG3	5.3.3	
RP-000623	CRs to TS 25.425	TSG-RAN WG3	5.3.3	
RP-000624	CRs to TS 25.426	TSG-RAN WG3	5.3.3	
RP-000625	CRs to TS 25.427	TSG-RAN WG3	5.3.3	
RP-000626	CRs to TS 25.430	TSG-RAN WG3	5.3.3	
RP-000627	CRs to TS 25.433 (1)	TSG-RAN WG3	5.3.3	
RP-000628	CRs to TS 25.433 (2)	TSG-RAN WG3	5.3.3	
RP-000629	CRs to TS 25.433 (3)	TSG-RAN WG3	5.3.3	RP-000697
RP-000630	CRs to TS 25.433 (4)	TSG-RAN WG3	5.3.3	
RP-000631	CRs to TS 25.434	TSG-RAN WG3	5.3.3	
RP-000632	CRs to TS 25.435	TSG-RAN WG3	5.3.3	
RP-000633	CRs to TR 25.931	TSG-RAN WG3	5.3.3	
RP-000634	CRs to TR 29.108	TSG-RAN WG3	5.3.3	
RP-000635	Cover sheet for TR 25.932	TSG-RAN WG3	5.3.3	
RP-000636	TR 25.932 v2.0.0	TSG-RAN WG3	5.3.3	
RP-000637	Cover sheet for TR 25.837	TSG-RAN WG3	6	
RP-000638	TR 25.837 v0.1.0	TSG-RAN WG3	6	
RP-000639	Cover sheet for TR 25.838	TSG-RAN WG3	6	
RP-000640	TR 25.838 v0.1.1	TSG-RAN WG3	6	
RP-000641	Cover sheet for TR 25.839	TSG-RAN WG3	6	
RP-000642	TR 25.839 v0.1.0	TSG-RAN WG3	6	
RP-000643	Cover sheet for TR 25.933	TSG-RAN WG3	6	
RP-000644	TR 25.933 v0.4.0	TSG-RAN WG3	6	
RP-000645	Cover sheet for TR 25.934	TSG-RAN WG3	6	
RP-000646	TR 25.934 v0.2.1	TSG-RAN WG3	6	
RP-000647	Cover sheet for TR 25.935	TSG-RAN WG3	6	
RP-000648	TR 25.935 v0.1.1	TSG-RAN WG3	6	
RP-000649	Cover sheet for TR 25.936	TSG-RAN WG3	6	
RP-000650	TR 25.936 v0.3.0	TSG-RAN WG3	6	
RP-000651	Cover sheet for TR 25.937	TSG-RAN WG3	6	RP-000685
RP-000652	TR 25.937 v0.3.2	TSG-RAN WG3	6	RP-000686

Doc.No.	Title	Source	Ag.It.	Comments
RP-000653	Cover sheet for TR 25.938	TSG-RAN WG3	6	
RP-000654	TR 25.938 v0.1.1	TSG-RAN WG3	6	
RP-000655	Cover sheet for TR 25.946	TSG-RAN WG3	6	
RP-000656	TR 25.946 v0.1.1	TSG-RAN WG3	6	
RP-000657	Cover sheet for TR 25.850	TSG-RAN WG3	6	
RP-000658	TR 25.850 v0.0.2	TSG-RAN WG3	6	
RP-000659	Cover sheet for TR 25.851	TSG-RAN WG3	6	
RP-000660	TR 25.851 v0.0.2	TSG-RAN WG3	6	
RP-000661	Cover sheet for TR 25.852	TSG-RAN WG3	6	withdrawn
RP-000662	TR 25.852 vx.x.x	TSG-RAN WG3	6	withdrawn
RP-000663	Cover sheet for TR 25.953	TSG-RAN WG3	6	
RP-000664	TR 25.953 v0.0.3	TSG-RAN WG3	6	
RP-000665	Cover sheet for TR 30.531	TSG-RAN WG3	5.3.3	RP-000687
RP-000666	TR 30.531 v0.8.5	TSG-RAN WG3	5.3.3	RP-000688
RP-000667	(S1-000847, to TSG-RAN) LS on Invitation to send contributions to TR 21.905 (3GPP Vocabulary)	TSG-SA WG1	4.1	
RP-000668	Japanese regulatory items in TS 25.141 and TS 34.121	ARIB	4.2	
RP-000669	Proposed CR 597r4 to 25.331 on RRC Connection Management Procedures, Generic procedures and actions	Nokia	5.2	
RP-000670	Cover sheet for TS 25.143	TSG-RAN WG4	6.1.2	
RP-000671	TS 25.143 vx.x.x	TSG-RAN WG4	6.1.2	
RP-000672	Status Report	ITU-R Ad Hoc contact person	5.5	
RP-000673	Submission of future updates of WCDMA to ITU-R WP 8F	ITU-R Ad Hoc	5.5	RP-000708
RP-000674	Comments on the update procedure for revisions of Recommendation ITU-R M.1457	ITU-R Ad Hoc	5.5	RP-000709
RP-000675	Update procedure for revisions of Recommendation ITU-R M.1457	ITU-R Ad Hoc contact person	5.5	
RP-000676	Status report for the work item "Terminal Power Saving Features"	TSG-RAN WG1	6.6.6	RP-000681
RP-000677	Cover sheet for TR 25.945	TSG-RAN WG4	6.7.5	
RP-000678	TR 25.945 vx.x.x	TSG-RAN WG4	6.7.5	
RP-000679	Revised WI sheet for WI "Transcoder Free Operation"	TSG-RAN WG3	6.4	
RP-000680	Cover Sheet for TR 25.840	TSG-RAN WG1	6.6.6	
RP-000681	Status report for the work item "Terminal Power Saving Features"	TSG-RAN WG1	6.6.6	RP-000694
RP-000682	Handling of R'99 CRs	Nokia	5	
RP-000683	Proposed Rel-5 WI "IP-based UTRAN architecture"	Nokia	6.9	
RP-000684	Proposed CR 641 to 25.331 on Downlink Outer Loop Control	Motorola	5.2	
RP-000685	Cover sheet for TR 25.937	TSG-RAN WG3	6	
RP-000686	TR 25.937 v0.3.2	TSG-RAN WG3	6	
RP-000687	Cover sheet for TR 30.531	TSG-RAN WG3	5.3.3	
RP-000688	TR 30.531 v0.8.5	TSG-RAN WG3	5.3.3	
RP-000689	Proposed WI "Intra Domain Connection of RAN Nodes to Multiple CN Nodes: Overall System Architecture"	Vodafone Group	6.9	
RP-000690	Comments on LS from RAN WG4 on coexistence of 1.28 MCPS TDD and 3.84 MCPA TDD	Telia	6.7	
RP-000691	Way forward on the work item "IP based UTRAN architecture	Nokia	6.9	
RP-000692	Coversheet for TR 25.952	TSG-RAN WG4	6.1.1.2	
RP-000693	TR 25.952 v 1.0.0	TSG-RAN WG4	6.1.1.2	
RP-000694	Status report for the work item "Terminal Power Saving Features"	TSG-RAN WG1	6.6.6	

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Doc.No.	Title	Source	Ag.It.	Comments
RP-000695	CRs to TS 25.413 (1)	TSG-RAN WG3	5.3.3	
RP-000696	CRs to TS 25.423 (3)	TSG-RAN WG3	5.3.3	
RP-000697	CRs to TS 25.433 (3)	TSG-RAN WG3	5.3.3	
RP-000698	RAN4 WI Sheets - Latest situation	Nortel Networks	6	
RP-000699	RAN4 Study Item Sheets - Latest situation	RAN4 Chairman	6	
RP-000700	USTS Cover Sheet	SK Telekom	6.6.11	withdrawn
RP-000701	Status Report for the Study Item "Uplink Synchronous Transmission Scheme"	Rapporteur	6.6.11	
RP-000702	Revised SI sheet for SI "USTS"	SK Telekom	6.6.11	withdrawn
RP-000703	CR 062r1 to 25.141	CSELT Nokia, Ericsson	5.4.3	
RP-000704	Proposed WI "RAN OAM" (SA5-led Work Items for Release 2000 (R4/R5))	TSG-SA WG5	6.9	
RP-000705	Release 4 WI readiness assessment from WG3 vice chairman to TSG RAN	TSG-RAN WG3 Vice-Chairman	6	
RP-000706	TSG-RAN WG4 Release 4 Submission forms	TSG-RAN WG4 Chairman	8	
RP-000707	TSG-RAN WG3 Release 4 Submission forms	TSG-RAN WG3 Secretary	8	
RP-000708	Submission of future updates of WCDMA to ITU-R WP 8F	ITU-R Ad Hoc	5.5	RP-000718
RP-000709	Comments on the update procedure for revisions of Recommendation ITU-R M.1457	ITU-R Ad Hoc	5.5	
RP-000710	LS (NP-000728, to TSG-RAN) on R99 Lossless Relocation for UMTS	TSG-CN	4.1	
RP-000711	Draft Invitation to Workshop on UTRAN evolution	Drafting Group	10	
RP-000712	Presentation on the work item "IP based UTRAN architecture	Nokia	6.9	
RP-000713	Proposed WI "Inclusion of Multicast capability in RAN"	Nokia	6.9	
RP-000714	TSG-RAN WG1 Release 4 Submission forms	TSG-RAN WG1 Chairman	8	
RP-000715	CR 597r5 to 25.331	Nokia, Ericsson, Qualcomm	5.2.3	
RP-000716	TSG-RAN WG2 Release 4 Submission forms	TSG-RAN WG2 Chairman	8	
RP-000717	Guidance on Implementing CRs to Release 99 and Release 4 on the same specification before creation of the Release 4 version	Ad Hoc Group	9	
RP-000718	Submission of future updates of WCDMA to ITU-R WP 8F	ITU-R Ad Hoc	5.5	
RP-000719	CRs to TS 25.113	TSG-RAN WG4	5.4.3	

Annex C: Status table of CRs

Spec	CR	R	Cat	Phase	Doc-1st-	Doc-2nd-	Subject	Status-1st-	Versio	WG
25.101	79		F	R99	RP-000585	R4-000885	Proposed CR to TS 25.101 on subclause 7.8 RX Intermodulation	approved	3.5.0	R4
25.101	80		F	R99	RP-000585	R4-000901	Corrections to DL compressed mode tests in TS 25.101	approved	3.5.0	R4
25.101	81		F	R99	RP-000585	R4-000902	Correction to DL 384 kbps and BTFD measurement channels	approved	3.5.0	R4
25.101	82		F	R99	RP-000585	R4-000973	RX spurious emissions	approved	3.5.0	R4
25.101	82		F	R99	RP-000585	R4-000917	Compressed mode, proposal for specification	approved	3.5.0	R4
25.101	84		F	R99	RP-000585	R4-000982	Correction for 25.101 concerning the channel number calculation	approved	3.5.0	R4
25.101	85		F	R99	RP-000585	R4-000990	Definition of multi-code OCNS signal for receiver and performance tests	approved	3.5.0	R4
25.102	36		F	R99	RP-000586	R4-000788	Correction for 25.102 concerning UE maximum output power classes	approved	3.5.0	R4
25.102	37		F	R99	RP-000586	R4-000789	Correction for 25.102 concerning the coexistence of TDD and FDD in the same band	approved	3.5.0	R4
25.102	38		F	R99	RP-000586	R4-000830	Correction of Out-of-Sync criteria in 25.102	approved	3.5.0	R4
25.102	39		F	R99	RP-000586	R4-000939	Clarification of the mentioned parameter alpha	approved	3.5.0	R4
25.102	40		F	R99	RP-000586	R4-000982	Correction for 25.102 concerning the channel number calculation	approved	3.5.0	R4
25.104	53		F	R99	RP-000587	R4-000982	Correction for 25.104 concerning the channel number calculation.	approved	3.5.0	R4
25.104	54		F	R99	RP-000587	R4-000963	Editorial correction to uplink reference channel for 2048kbps	approved	3.5.0	R4
25.105	46		F	R99	RP-000588	R4-000982	Correction for 25.105 concerning the channel number calculation.	approved	3.5.0	R4
25.105	47		F	R99	RP-000588	R4-000967	Correction to reference measurement channels	approved	3.5.0	R4
25.113	6		F	R99	RP-000719	R4-000979	Alignments with other EMC standards	approved	3.4.0	R4
25.113	7		F	R99	RP-000719	R4-001001	Correction for the immunity measurement	approved	3.4.0	R4
25.123	27		F	R99	RP-000590	R4-000921	Re-structuring TS 25.123 Section 3	approved	3.4.0	R4
25.123	28		F	R99	RP-000590	R4-000923	Re-structuring TS 25.123 Section 4+A4	approved	3.4.0	R4
25.123	29		F	R99	RP-000590	R4-000925	Re-structuring TS 25.123 Section 5	approved	3.4.0	R4
25.123	30		F	R99	RP-000590	R4-000927	Re-structuring TS 25.123 Section A5	approved	3.4.0	R4
25.123	31		F	R99	RP-000590	R4-000929	Re-structuring TS 25.123 Section 6+7	approved	3.4.0	R4
25.123	32		F	R99	RP-000590	R4-000931	Re-structuring TS 25.123 Section 8+A8	approved	3.4.0	R4
25.123	33		F	R99	RP-000590	R4-000933	Re-structuring TS 25.123 Section 9+A9	approved	3.4.0	R4
25.123	34		F	R99	RP-000590	R4-000935	Re-structuring TS 25.123 Annex A1-3	approved	3.4.0	R4
25.133	47		F	R99	RP-000591	R4-000805	Received total wideband power	approved	3.4.0	R4
25.133	48		F	R99	RP-000591	R4-000863	Removal of cell selection delay requirements	approved	3.4.0	R4
25.133	49		F	R99	RP-000591	R4-000864	Clarification of the random access requirements	approved	3.4.0	R4
25.133	50		F	R99	RP-000591	R4-000866	Correction of RRC re-establishment requirements	approved	3.4.0	R4
25.133	51		F	R99	RP-000591	R4-000868	Event triggered reporting in AWGN conditions	approved	3.4.0	R4
25.133	52		F	R99	RP-000591	R4-000869	Inter frequency measurements in AWGN	approved	3.4.0	R4
25.133	53		F	R99	RP-000591	R4-000871	Physical channel BER accuracy	approved	3.4.0	R4
25.133	54		F	R99	RP-000591	R4-000873	Event triggered reporting in fading conditions	approved	3.4.0	R4

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Spec	CR	R	Cat	Phase	Doc-1st-	Doc-2nd-	Subject	Status-1st-	Versio	WG
25.133	55		F	R99	RP-000591	R4-000875	Periodic reporting in AWGN	approved	3.4.0	R4
25.133	56		F	R99	RP-000591	R4-000895	Introduction of UE Rx-Tx time difference type 1 & 2	approved	3.4.0	R4
25.133	57		F	R99	RP-000591	R4-000896	Correction of UE Tx timing adjustment	approved	3.4.0	R4
25.133	58		F	R99	RP-000591	R4-000942	Alignment of intra frequency CPICH Ec/Io measurement requirements in TS25.133	approved	3.4.0	R4
25.133	59		F	R99	RP-000591	R4-000945	Multiple neighbour test cases	approved	3.4.0	R4
25.133	60		F	R99	RP-000591	R4-000981	Correction of intra- and inter frequency measurement requirement.	approved	3.4.0	R4
25.133	61		F	R99	RP-000591	R4-000985	Correction of TDD measurement requirements.	approved	3.4.0	R4
25.133	62		F	R99	RP-000591	R4-000993	General cell re-selection requirements	approved	3.4.0	R4
25.133	63		F	R99	RP-000591	R4-000994	BSIC verification requirements in TS25.133	approved	3.4.0	R4
25.133	64		F	R99	RP-000591	R4-000995	GSM RSSI measurement	approved	3.4.0	R4
25.133	65		F	R99	RP-000591	R4-000996	Clarification of parallel measurement section	approved	3.4.0	R4
25.141	51		F	R99	RP-000592	R4-000818	Clarifications for EVM and PCDE measurement with respect to inclusion of the SCH	approved	3.4.0	R4
25.141	52		F	R99	RP-000592	R4-000821	Clarifications for EVM definition	approved	3.4.0	R4
25.141	53		F	R99	RP-000592	R4-000989	Corrections of values, references and structures of test cases	approved	3.4.0	R4
25.141	54		F	R99	RP-000592	R4-000833	Total power dynamic range in 25.141	approved	3.4.0	R4
25.141	55		F	R99	RP-000592	R4-000840	Editorial corrections on TS25.141, sections for test conditions	approved	3.4.0	R4
25.141	56		F	R99	RP-000592	R4-000964	Editorial correction to uplink reference channel for 2048kbps.	approved	3.4.0	R4
25.141	57		F	R99	RP-000593	R4-001000	Test tolerance for Base station output power	approved	3.4.0	R4
25.141	58		F	R99	RP-000593	R4-001000	Test tolerance for Adjacent Channel Leakage Ratio	approved	3.4.0	R4
25.141	59		F	R99	RP-000593	R4-001000	Test tolerance for Spectrum emission mask	approved	3.4.0	R4
25.141	62	1	F	R99	RP-000703		Annex explaining implemntation of Test tolerance to Tests	approved	3.4.0	R4
25.142	38		F	R99	RP-000594	R4-000821	Clarifications for EVM definition	approved	3.4.0	R4
25.142	39		F	R99	RP-000594	R4-000854	Conformance test description for frequency stability	approved	3.4.0	R4
25.142	40		F	R99	RP-000594	R4-000855	Conformance test description for inner loop power control	approved	3.4.0	R4
25.142	41		F	R99	RP-000594	R4-000856	Conformance test description for power control dynamic range	approved	3.4.0	R4
25.142	42		F	R99	RP-000594	R4-000857	Conformance test description for transmit ON/OFF power	approved	3.4.0	R4
25.142	43		F	R99	RP-000594	R4-000858	Conformance test description for occupied bandwidth	approved	3.4.0	R4
25.142	44		F	R99	RP-000594	R4-000859	Conformance test description for performance requirements	approved	3.4.0	R4
25.142	45		F	R99	RP-000594	R4-000965	Editorial correction to ACLR test	approved	3.4.0	R4
25.142	46		F	R99	RP-000594	R4-000967	Correction to reference measurement channels	approved	3.4.0	R4
25.211	079	2	F	R99	RP-000537	R1-001296	Clarification of downlink phase reference	approved	3.5.0	R1
25.211	083	1	F	R99	RP-000537	R1-001260	DL Transmission in the case of invalid data frames	approved	3.5.0	R1
25.211	084	-	F	R99	RP-000537	R1-001194	Clarification of figure 28	approved	3.5.0	R1
25.211	087	-	F	R99	RP-000537	R1-001289	RACH message part length	approved	3.5.0	R1
25.211	088	-	F	R99	RP-000537	R1-001333	Clarifications on power control preambles	approved	3.5.0	R1
25.211	089	1	F	R99	RP-000537	R1-001430	Proposed CR to 25.211 for transfer of CSICH Information from Layer 3 Specification	approved	3.5.0	R1
25.211	090	-	F	R99	RP-000537	R1-001405	PCPCH/DL-DPCCH Timing Relationship	approved	3.5.0	R1

Spec	CR	R	Cat	Phase	Doc-1st-	Doc-2nd-	Subject	Status-1st-	Versio	WG
25.212	094	2	F	R99	RP-000538	R1-001295	Correction of BTFD limitations	approved	3.5.0	R1
25.212	096	-	F	R99	RP-000538	R1-001227	Compressed mode by puncturing	approved	3.5.0	R1
25.212	097	-	D	R99	RP-000538	R1-001277	Clarification on the Ci formula	approved	3.5.0	R1
25.212	099	-	F	R99	RP-000538	R1-001427	Editorial modification in RM section	approved	3.5.0	R1
25.212	100	1	F	R99	RP-000538	R1-001477	Editorial corrections in TS 25.212	approved	3.5.0	R1
25.212	101	-	F	R99	RP-000538	R1-001446	Correction to code block segmentation	approved	3.5.0	R1
25.213	037	1	F	R99	RP-000539	R1-001297	Proposed removal of the option of secondary scrambling code for some downlink common channels	approved	3.4.0	R1
25.214	128	1	F	R99	RP-000540	R1-001226	Clarification of downlink quality measurement in SSDT	approved	3.5.0	R1
25.214	129	-	F	R99	RP-000540	R1-001183	Formula typography and reference corrections	approved	3.5.0	R1
25.214	130	1	F	R99	RP-000540	R1-001274	Radio link establishment and sync status reporting	approved	3.5.0	R1
25.214	133	-	F	R99	RP-000540	R1-001213	Correction of RACH/CPCH physical random access procedure	approved	3.5.0	R1
25.214	134	-	F	R99	RP-000540	R1-001214	Correction of uplink power control algorithm 2	approved	3.5.0	R1
25.214	135	1	F	R99	RP-000540	R1-001463	TPC command generation on downlink during RLS initialisation	approved	3.5.0	R1
25.214	136	1	F	R99	RP-000540	R1-001273	Clarification of RACH behaviour at maximum and minimum power	approved	3.5.0	R1
25.214	137	-	F	R99	RP-000540	R1-001333	Clarifications on the description of the radio link establishment procedure (when no radio link exists)	approved	3.5.0	R1
25.214	138	1	F	R99	RP-000540	R1-001437	Corrections on power control preambles	approved	3.5.0	R1
25.214	139	1	F	R99	RP-000540	R1-001438	Clarification of RACH procedure	approved	3.5.0	R1
25.214	140	-	F	R99	RP-000540	R1-001400	Uplink power control in compressed mode	approved	3.5.0	R1
25.214	141	1	F	R99	RP-000540	R1-001420	Revision of the abbreviation list	approved	3.5.0	R1
25.215	069	3	F	R99	RP-000541	R1-001291	Support of parallel compressed mode patterns	approved	3.5.0	R1
25.215	074	1	F	R99	RP-000541	R1-001195	Clarification of SIRerror measurement during compressed mode	approved	3.5.0	R1
25.215	075	2	F	R99	RP-000541	R1-001432	Definition of UTRAN RSSI	approved	3.5.0	R1
25.215	076	1	F	R99	RP-000541	R1-001257	Clarification of GPS timing measurements	approved	3.5.0	R1
25.215	077	2	F	R99	RP-000541	R1-001433	Clarification of reference point for UE/UTRAN measurements	approved	3.5.0	R1
25.215	078	1	F	R99	RP-000541	R1-001318	Correction to measurement "Rx-Tx time difference"	approved	3.5.0	R1
25.215	080	1	F	R99	RP-000541	R1-001455	Clarifications to compressed mode usage	approved	3.5.0	R1
25.221	034	-	F	R99	RP-000542	R1-001003	Correction on TFCI & TPC Transmission	approved	3.5.0	R1
25.221	035	1	F	R99	RP-000542	R1-001009	Clarifications on Midamble Associations	approved	3.5.0	R1
25.221	036	-	F	R99	RP-000542	R1-001342	Clarification on PICH power setting	approved	3.5.0	R1
25.222	049	-	F	R99	RP-000543	R1-001277	Clarification on the Ci formula	approved	3.5.0	R1
25.222	050	-	F	R99	RP-000543	R1-001003	Correction on TFCI & TPC Transmission	approved	3.5.0	R1
25.222	053	1	F	R99	RP-000543	R1-001477	Editorial corrections in TS 25.222	approved	3.5.0	R1
25.224	035	1	F	R99	RP-000544	R1-001470	Radio Link establishment and sync status reporting	approved	3.5.0	R1
25.224	040	-	F	R99	RP-000544	R1-001342	Clarification on PICH power setting	approved	3.5.0	R1
25.224	042	-	F	R99	RP-000544	R1-001372	Correction to TDD timing advance description	approved	3.5.0	R1
25.224	043	-	F	R99	RP-000544	R1-001402	Limit on maximum value of alpha used for open loop power control	approved	3.5.0	R1
25.225	018	2	F	R99	RP-000545	R1-001453	Corrections and Clarifications to 25.225	approved	3.5.0	R1

Spec	CR	R	Cat	Phase	Doc-1st-	Doc-2nd-	Subject	Status-1st-	Versio	WG
25.225	019	1	F	R99	RP-000545	R1-001452	Corrections and Clarifications to 25.225	approved	3.5.0	R1
25.225	020	1	F	R99	RP-000545	R1-001319	Clarification of measurement reference points	approved	3.5.0	R1
25.225	021	-	F	R99	RP-000545	R1-001348	Removal of incorrect note relating to RSCP measurements	approved	3.5.0	R1
25.302	072		F	R99	RP-000563	R2-001954	RACH model	approved	3.7.0	R2
25.302	073		F	R99	RP-000563	R2-001974	Clarification of UTRAN SIR measurement	approved	3.7.0	R2
25.302	074		F	R99	RP-000563	R2-001975	Removal of compressed mode measurement purpose "other"	approved	3.7.0	R2
25.302	075		F	R99	RP-000563	R2-001976	Removal of compressed mode measurement purpose "GSM"	approved	3.7.0	R2
25.302	076		F	R99	RP-000563	R2-002004	Removal of physical channel BER measurement for TDD	approved	3.7.0	R2
25.302	077		F	R99	RP-000563	R2-002020	CPCH model correction	approved	3.7.0	R2
25.302	078	1	F	R99	RP-000563	R2-002051	Removal of FAUSCH and ODMA	approved	3.7.0	R2
25.302	080	2	F	R99	RP-000563	R2-002410	Correction to transport channel mapping	approved	3.7.0	R2
25.302	081		F	R99	RP-000563	R2-002296	Alignment of measurement reference description	approved	3.7.0	R2
25.302	082		F	R99	RP-000563	R2-002297	Changing the name of "RSSI" to "Received total wide band power"	approved	3.7.0	R2
25.303	038	1	F	R99	RP-000564	R2-002119	Corrections to SRNS Relocation	approved	3.6.0	R2
25.303	040		F	R99	RP-000564	R2-002432	Correction to Relocation text	approved	3.6.0	R2
25.304	046	1	F	R99	RP-000565	R2-002365	Support for PLMN selection	approved	3.5.0	R2
25.304	049	1	F	R99	RP-000565	R2-002357	Correction of algorithm for paging channel selection	approved	3.5.0	R2
25.304	050		F	R99	RP-000565	R2-002284	Alignment of use of TEMP_OFFSET parameters with TS 25.331	approved	3.5.0	R2
25.304	051	2	F	R99	RP-000565	R2-002425	Clarifications and Editorial Corrections	approved	3.5.0	R2
25.304	052	1	F	R99	RP-000565	R2-002412	Clarifications to cell selection and reselection procedures	approved	3.5.0	R2
25.304	053		F	R99	RP-000565	R2-002350	Removal of immediate cell evaluation	approved	3.5.0	R2
25.304	054		F	R99	RP-000565	R2-002367	One step cell selection	approved	3.5.0	R2
25.305	025	1	F	R99	RP-000566	R2-002097	Editorial and Minor Technical Clean-up	approved	3.4.0	R2
25.305	026		F	R99	RP-000566	R2-001977	Editorial corrections	approved	3.4.0	R2
25.305	027		F	R99	RP-000566	R2-001978	Removal of SoLSA concepts	approved	3.4.0	R2
25.305	029	1	F	R99	RP-000566	R2-002050	Signalling flows on Iub and Iur	approved	3.4.0	R2
25.305	030	1	F	R99	RP-000566	R2-002106	LCS functionality during SRNS relocation	approved	3.4.0	R2
25.305	031		F	R99	RP-000566	R2-002005	UE Search Correction from R2-001721 (CR 021r3)	approved	3.4.0	R2
25.305	032	2	F	R99	RP-000566	R2-002104	Signaling Between RNC and Stand-Alone LMU	approved	3.4.0	R2
25.305	033	5	F	R99	RP-000566	R2-002416	Use of RTT measurements in the Assisted GPS procedure	approved	3.4.0	R2
25.305	034	1	F	R99	RP-000566	R2-002100	LCS assistance data delivery	approved	3.4.0	R2
25.305	035	2	F	R99	RP-000566	R2-002422	Description for frequency reference	approved	3.4.0	R2
25.305	036	2	F	R99	RP-000566	R2-002414	Editorial clean-up	approved	3.4.0	R2
25.305	038	2	F	R99	RP-000566	R2-002415	Clarification on information to be transferred between UTRAN nodes	approved	3.4.0	R2
25.305	039	1	F	R99	RP-000566	R2-002420	Moving of semantic descriptions from RRC	approved	3.4.0	R2
25.321	053	2	F	R99	RP-000567	R2-002073	Corrections to logical channel priorities in MAC Protocol	approved	3.6.0	R2
25.321	055	1	F	R99	RP-000567	R2-002052	Removal of FAUSCH	approved	3.6.0	R2

Spec	CR	R	Cat	Phase	Doc-1st-	Doc-2nd-	Subject	Status-1st-	Versio	WG
25.321	056	2	F	R99	RP-000567	R2-002398	General MAC clarification	approved	3.6.0	R2
25.321	057	1	F	R99	RP-000567	R2-002360	Error Handling in MAC	approved	3.6.0	R2
25.321	058	1	F	R99	RP-000567	R2-002358	Error handling for MAC RACH and CPCH transmission control procedure	approved	3.6.0	R2
25.321	059		F	R99	RP-000567	R2-002262	Inclusion of stage 3 for ciphering	approved	3.6.0	R2
25.322	080	1	F	R99	RP-000568	R2-002078	Length Indicator and PDU formats	approved	3.5.0	R2
25.322	083	3	F	R99	RP-000568	R2-002362	Clarification to the Estimated PDU Counter	approved	3.5.0	R2
25.322	084	2	F	R99	RP-000568	R2-002407	Model of UM and AM entities	approved	3.5.0	R2
25.322	085	1	F	R99	RP-000568	R2-002088	General RLC corrections	approved	3.5.0	R2
25.322	086	1	F	R99	RP-000568	R2-002074	General RLC corrections	approved	3.5.0	R2
25.322	087	5	F	R99	RP-000568	R2-002361	RLC timers	approved	3.5.0	R2
25.322	088	1	F	R99	RP-000568	R2-002076	Reset procedure	approved	3.5.0	R2
25.322	089	1	F	R99	RP-000568	R2-002070	Editorial corrections to RLC	approved	3.5.0	R2
25.322	090	2	F	R99	RP-000568	R2-002408	RLC UM protocol	approved	3.5.0	R2
25.322	092	2	F	R99	RP-000568	R2-002400	Clarification to window size parameters, MRW SUFI and window based polling	approved	3.5.0	R2
25.322	093	3	F	R99	RP-000568	R2-002396	General RLC Corrections	approved	3.5.0	R2
25.322	094	1	F	R99	RP-000568	R2-002440	RLC Reset handling	approved	3.5.0	R2
25.322	095		F	R99	RP-000568	R2-002266	Inclusion of stage 3 for ciphering	approved	3.5.0	R2
25.324	006	1	F	R99	RP-000569	R2-002348	Correction to ANSI-41 Cell Broadcast Service	approved	3.3.0	R2
25.331	536		F	R99	RP-000570	R2-001930	Downlink outer-loop power control in compressed mode	approved	3.5.0	R2
25.331	537	1	F	R99	RP-000570	R2-002065	Correction in the use of "U-RNTI Short"	approved	3.5.0	R2
25.331	538		F	R99	RP-000570	R2-001942	Corrections related to UE Timing	approved	3.5.0	R2
25.331	539		F	R99	RP-000570	R2-001943	Corrections to SFN-SFN definition	approved	3.5.0	R2
25.331	541	1	F	R99	RP-000570	R2-002224	Corrections to definition and use of Activation Time	approved	3.5.0	R2
25.331	542		F	R99	RP-000570	R2-001946	Corrections to logical channel priorities	approved	3.5.0	R2
25.331	543	1	F	R99	RP-000570	R2-002066	Correction to codec negotiation	approved	3.5.0	R2
25.331	544	1	F	R99	RP-000570	R2-002068	CFN-SFN observed time difference measurement	approved	3.5.0	R2
25.331	545	1	F	R99	RP-000570	R2-002069	Correction to timing indication for hard handover	approved	3.5.0	R2
25.331	546	1	F	R99	RP-000570	R2-002067	UE Radio Access Capability Corrections	approved	3.5.0	R2
25.331	548	1	F	R99	RP-000570	R2-002267	RRC establishment and paging causes for NAS signalling	approved	3.5.0	R2
25.331	549		F	R99	RP-000570	R2-001962	Corrections to Intra-frequency measurements and Traffic volume measurements	approved	3.5.0	R2
25.331	551	1	F	R99	RP-000570	R2-002077	PRACH/RACH System information	approved	3.5.0	R2
25.331	553	1	F	R99	RP-000570	R2-002082	GSM Measurement reporting	approved	3.5.0	R2
25.331	554	1	F	R99	RP-000570	R2-002083	BLER measurement and quality target	approved	3.5.0	R2
25.331	556	1	F	R99	RP-000570	R2-002084	Clarification of PDCP sequence number window terminology	approved	3.5.0	R2
25.331	559	1	F	R99	RP-000570	R2-002085	Clarification on Error Handling	approved	3.5.0	R2
25.331	560		F	R99	RP-000570	R2-001986	Removal of compressed mode measurement purpose "other"	approved	3.5.0	R2
25.331	561		F	R99	RP-000570	R2-001987	Clarification of compressed mode measurement purpose "GSM"	approved	3.5.0	R2

Spec	CR	R	Cat	Phase	Doc-1st-	Doc-2nd-	Subject	Status-1st-	Versio	WG
25.331	564	2	F	R99	RP-000570	R2-002321	Reporting multiple GSM cells	approved	3.5.0	R2
25.331	566	1	F	R99	RP-000571	R2-002121	Number of RLs that can be removed in Active Set update	approved	3.5.0	R2
25.331	568	1	F	R99	RP-000571	R2-002090	Clarification on Segment Index	approved	3.5.0	R2
25.331	571	3	F	R99	RP-000571	R2-002445	RRC procedure performance requirements	approved	3.5.0	R2
25.331	572	1	F	R99	RP-000571	R2-002117	Correction of newInterSystemCellList and MeasurementControlSysInfo in ASN.1	approved	3.5.0	R2
25.331	573	4	F	R99	RP-000571	R2-002427	Removal of Flow Id concept while maintaining Iu interface flexibility	approved	3.5.0	R2
25.331	574	2	F	R99	RP-000571	R2-002341	Ciphering and reset	approved	3.5.0	R2
25.331	575	1	F	R99	RP-000571	R2-002268	Corrections and clarifications concerning inter-RAT change procedures	approved	3.5.0	R2
25.331	576	1	F	R99	RP-000571	R2-002132	General Security Clarifications	approved	3.5.0	R2
25.331	577		F	R99	RP-000571	R2-002198	Clarification on RB 0	approved	3.5.0	R2
25.331	578		F	R99	RP-000571	R2-002199	Clarification on the transition of RRC state	approved	3.5.0	R2
25.331	580	1	F	R99	RP-000571	R2-002346	UP measurements for RRC information to target RNC	approved	3.5.0	R2
25.331	581		F	R99	RP-000571	R2-002202	Correction on LCS reporting criteria	approved	3.5.0	R2
25.331	583	1	F	R99	RP-000574	R2-002331	CSICH Corrections	approved	3.5.0	R2
25.331	584	1	F	R99	RP-000571	R2-002354	Clarification to handling of satellite health issues	approved	3.5.0	R2
25.331	585		F	R99	RP-000571	R2-002218	Clarification on activation time	approved	3.5.0	R2
25.331	586		F	R99	RP-000571	R2-002219	Clarification on activation time for ciphering in TM	approved	3.5.0	R2
25.331	587	2	F	R99	RP-000571	R2-002476	Measurement procedures and messages	approved	3.5.0	R2
25.331	590	1	F	R99	RP-000571	R2-002446	Inter-RAT UE radio access capability	approved	3.5.0	R2
25.331	592	1	F	R99	RP-000571	R2-002435	Clarification on cell update/URA update procedures	approved	3.5.0	R2
25.331	595	4	F	R99	RP-000571	R2-002455	Protocol States and Process	approved	3.5.0	R2
25.331	596	1	F	R99	RP-000571	R2-002392	System Information	approved	3.5.0	R2
25.331	597	5	F	R99	RP-000715		RRC Connection Management Procedures, Generic procedures and actions	approved	3.5.0	R2
25.331	598	1	F	R99	RP-000572	R2-002388	Paging Procedures	approved	3.5.0	R2
25.331	599		F	R99	RP-000572	R2-002253	NAS signalling Procedures	approved	3.5.0	R2
25.331	600	3	F	R99	RP-000572	R2-002456	Radio Bearer Control Procedures	approved	3.5.0	R2
25.331	601	1	F	R99	RP-000572	R2-002447	Corrections to the Counter Check Procedure	approved	3.5.0	R2
25.331	602		F	R99	RP-000572	R2-002256	Tabular Information and ASN.1	approved	3.5.0	R2
25.331	604	2	F	R99	RP-000572	R2-002439	Corrections to Measurement Occasion concept	approved	3.5.0	R2
25.331	606		F	R99	RP-000572	R2-002271	Corrections concerning optimisation of RB information	approved	3.5.0	R2
25.331	608	1	F	R99	RP-000572	R2-002352	Corrections to security	approved	3.5.0	R2
25.331	609	1	F	R99	RP-000572	R2-002384	Ciphering activation time for DPCH	approved	3.5.0	R2
25.331	610		F	R99	RP-000572	R2-002275	Confirmation of signalling connection establishment	approved	3.5.0	R2
25.331	611	2	F	R99	RP-000572	R2-002448	RACH Sub-channel signalling	approved	3.5.0	R2
25.331	613	2	F	R99	RP-000572	R2-002449	Assistance data delivery for UP	approved	3.5.0	R2
25.331	614	1	F	R99	RP-000572	R2-002382	Clarification of LCS measurements	approved	3.5.0	R2
25.331	615	2	F	R99	RP-000572	R2-002441	Configuration of RLC PDU sizes for logical channels	approved	3.5.0	R2

Spec	CR	R	Cat	Phase	Doc-1st-	Doc-2nd-	Subject	Status-1st-	Versio	WG
25.331	616		F	R99	RP-000574	R2-002299	PICH power offset for TDD	approved	3.5.0	R2
25.331	617		F	R99	RP-000572	R2-002300	Correction for PDSCH power control for TDD	approved	3.5.0	R2
25.331	618		F	R99	RP-000574	R2-002301	Usage of dynamic spreading factor in uplink	approved	3.5.0	R2
25.331	619		F	R99	RP-000572	R2-002302	Correction of Midamble Shift for Burst Type 3	approved	3.5.0	R2
25.331	621		F	R99	RP-000572	R2-002304	Correction of text concerning Scheduling of System Information	approved	3.5.0	R2
25.331	622	1	F	R99	RP-000572	R2-002479	Alignment of GSM'99 BA Range concept and its inclusion in UTRA	approved	3.5.0	R2
25.331	623	1	F	R99	RP-000572	R2-002451	Clarification of RB mapping info	approved	3.5.0	R2
25.331	624	1	F	R99	RP-000572	R2-002430	Correction to UE multi-RAT capability	approved	3.5.0	R2
25.331	625		F	R99	RP-000573	R2-002319	Correction to PDCP sequence number exchange during hard handover	approved	3.5.0	R2
25.331	628	2	F	R99	RP-000573	R2-002459	DCH Quality Target	approved	3.5.0	R2
25.331	629	1	F	R99	RP-000573	R2-002453	Simultaneous release of RBs and signalling connection	approved	3.5.0	R2
25.331	630		F	R99	RP-000573	R2-002334	Correction on Transport Channel Reconfiguration	approved	3.5.0	R2
25.331	631		F	R99	RP-000573	R2-002351	Limitation of DRX cycle length	approved	3.5.0	R2
25.331	632		F	R99	RP-000574	R2-002368	Signalling of the alpha value in TDD for open loop power control	approved	3.5.0	R2
25.331	633		F	R99	RP-000573	R2-002369	Support for improved compressed mode handling for TDD measurements	approved	3.5.0	R2
25.331	636		F	R99	RP-000573	R2-002372	Usage of secondary CPICH and secondary scrambling code	approved	3.5.0	R2
25.331	639		F	R99	RP-000573	R2-002406	Expiration time of SIB type 7, 14	approved	3.5.0	R2
25.331	640		F	R99	RP-000573	R2-002442	Correction to integrity protection	approved	3.5.0	R2
25.331	641		F	R99	RP-000864		Downlink Outer Loop Control	approved	3.5.0	R2
25.401	018	2	F	R99	RP-000607	R3-002869	Clarification to the Definition and Usage of Binding Id	approved	3.5.0	R3
25.401	019		F	R99	RP-000607	R3-003049	Correction to CN distribution function	approved	3.5.0	R3
25.402	010		F	R99	RP-000608	R3-002583	Timing Advance description correction	approved	3.4.0	R3
25.402	011		F	R99	RP-000608	R3-002612	Sync port accuracy	approved	3.4.0	R3
25.402	012		F	R99	RP-000608	R3-003125	UE synchronisation when UE chenges from CELL_FACH/PCH to CELL_DCH state.	approved	3.4.0	R3
25.410	005		D	R99	RP-000609	R3-002564	Editorial Modifications for 25.410	approved	3.3.0	R3
25.410	007	1	F	R99	RP-000609	R3-003250	Editorial corrections to 25.410	approved	3.3.0	R3
25.410	008	1	F	R99	RP-000609	R3-003290	Removal of CN Information Broadcast procedure from Iu interface: Update to R3-003253	approved	3.3.0	R3
25.411	002		D	R99	RP-000610	R3-002565	Editorial Modifications for 25.411	approved	3.3.0	R3
25.412	006		D	R99	RP-000611	R3-002562	Editorial Modifications for 25.412	approved	3.6.0	R3
25.412	007		F	R99	RP-000611	R3-003036	Corrections to SCTP and M3UA version numbers	approved	3.6.0	R3
25.412	008	1	F	R99	RP-000611	R3-003241	SCTP Stack verifications for Iu Interface signalling transport	approved	3.6.0	R3
25.413	185		F	R99	RP-000695	R3-002488	Clarify the direction of LAI, RAC and SAI IEs in DIRECT TRANSFER message in tabular	approved	3.4.0	R3
25.413	186	1	F	R99	RP-000695	R3-002828	Correction of the behaviour of the Error Indication	approved	3.4.0	R3
25.413	187	1	F	R99	RP-000695	R3-002829	Clarification of Location Report Procedure	approved	3.4.0	R3
25.413	188	1	F	R99	RP-000695	R3-002830	Transfer Syntax Error description in RANAP	approved	3.4.0	R3
25.413	189	1	F	R99	RP-000695	R3-002710	Handling of the optional IEs inside the Criticality Diagnostics IE	approved	3.4.0	R3
25.413	190		F	R99	RP-000695	R3-002525	Protocol specification principles	approved	3.4.0	R3

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25.413	191		D	R99	RP-000695	R3-002556	Editorial Corrections	approved	3.4.0	R3
25.413	194	1	F	R99	RP-000695	R3-002783	Handling Unknown Signalling Connection Identifiers in Reset	approved	3.4.0	R3
25.413	195	2	F	R99	RP-000695	R3-003223	Usage of cause values in RANAP	approved	3.4.0	R3
25.413	196	1	F	R99	RP-000695	R3-002867	Reducing the maximum number of signalling connection identities	approved	3.4.0	R3
25.413	197	2	F	R99	RP-000695	R3-003151	Correction to the Initiation of Relocation Cancel	approved	3.4.0	R3
25.413	198		F	R99	RP-000695	R3-002597	RRC container references	approved	3.4.0	R3
25.413	199		F	R99	RP-000695	R3-002598	Description of Target Cell ID	approved	3.4.0	R3
25.413	201	1	F	R99	RP-000695	R3-002812	Cause values not only for RAB modification	approved	3.4.0	R3
25.413	203	1	F	R99	RP-000695	R3-002813	RAB assignment response after successful Initialisation	approved	3.4.0	R3
25.413	204	1	F	R99	RP-000695	R3-003171	Clarification of DRX Cycle Length Coefficient range	approved	3.4.0	R3
25.413	205	2	F	R99	RP-000695	R3-002912	RAB configuration at modification	approved	3.4.0	R3
25.413	206	3	F	R99	RP-000695	R3-003295	Service based inter-system handover	approved	3.4.0	R3
25.413	207	1	F	R99	RP-000695	R3-002712	Clarification on rules for assigning criticality/presence values in standard releases later than R99	approved	3.4.0	R3
25.413	210	2	F	R99	RP-000695	R3-003209	Directed Retry UMTS->GS	approved	3.4.0	R3
25.413	211		F	R99	RP-000613	R3-002650	Correction the semantic description of data volume reporing indication in ASN.1	approved	3.4.0	R3
25.413	212	1	F	R99	RP-000613	R3-002831	Clarify the value of Report Area IE when the value of Event IE is "Stop"	approved	3.4.0	R3
25.413	213	1	F	R99	RP-000613	R3-002747	Pre-emption Handling Corrections	approved	3.4.0	R3
25.413	214		D	R99	RP-000613	R3-002662	Editorial Modifications for 25.413	approved	3.4.0	R3
25.413	219	4	F	R99	RP-000613	R3-003292	Reset resource procedure modification	approved	3.4.0	R3
25.413	221		D	R99	RP-000613	R3-002772	Re-ordering of paragraphs for RAB Assignment procedure text	approved	3.4.0	R3
25.413	222		F	R99	RP-000613	R3-002773	Elementary Procedure interference precedence	approved	3.4.0	R3
25.413	223	2	F	R99	RP-000613	R3-003291	Iu transport connection failure casue value	approved	3.4.0	R3
25.413	224		F	R99	RP-000613	R3-003073	Data volume reporting in Release Complete	approved	3.4.0	R3
25.413	225	1	F	R99	RP-000613	R3-003186	Reordering of paragraphs for Relocation Resource Allocation procedure text:	approved	3.4.0	R3
25.413	226		F	R99	RP-000613	R3-003082	CN Domain Indicator missing	approved	3.4.0	R3
25.413	227	1	F	R99	RP-000613	R3-003214	Clarification of the Iu Release Request	approved	3.4.0	R3
25.413	228	1	F	R99	RP-000613	R3-003208	Location Report procedur	approved	3.4.0	R3
25.413	229		F	R99	RP-000613	R3-003126	Impact of RAB asymmetry indicator on RAB parameters coding	approved	3.4.0	R3
25.413	230	1	F	R99	RP-000613	R3-003149	Indication of relocation requirement in RAB parameters	approved	3.4.0	R3
25.413	231		F	R99	RP-000613	R3-003135	Removing CN Information Broadcast procedure from RANAP	approved	3.4.0	R3
25.413	232	1	F	R99	RP-000613	R3-003224	Cause value for the case when radio contact to the UE is lose	approved	3.4.0	R3
25.413	234	2	F	R99	RP-000613	R3-003242	Clarification of SAI Definition	approved	3.4.0	R3
25.413	235	3	D	R99	RP-000613	R3-003310	Editorial modifications to RANAP	approved	3.4.0	R3
25.414	022	1	F	R99	RP-000614	R3-003210	Application of AAL2 Link Characteristics on Iu	approved	3.6.0	R3
25.415	036	2	D	R99	RP-000615	R3-002885	Editorial Corrections	approved	3.5.0	R3
25.415	037	1	F	R99	RP-000615	R3-002809	Corrections to Annex A	approved	3.5.0	R3
25.415	038		F	R99	RP-000615	R3-002606	TI field in Initialisation frame	approved	3.5.0	R3

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25.415	040		F	R99	RP-000615	R3-002608	The Number of Octets for the IPTI fields	approved	3.5.0	R3
25.415	041	2	F	R99	RP-000615	R3-003084	Number of RFCIs	approved	3.5.0	R3
25.415	042	1	F	R99	RP-000615	R3-003083	TrFO and Iu UP Initialisation	approved	3.5.0	R3
25.415	043		F	R99	RP-000615	R3-002836	Re-initialisaiton restriction	approved	3.5.0	R3
25.415	044		F	R99	RP-000615	R3-003085	PDU type selection	approved	3.5.0	R3
25.419	024	1	F	R99	RP-000616	R3-002718	Handling of the optional IEs inside the Criticality Diagnostics IE	approved	3.3.0	R3
25.419	025		F	R99	RP-000616	R3-002526	Protocol specification principles	approved	3.3.0	R3
25.419	026		D	R99	RP-000616	R3-002563	Editorial Modifications for 25.419	approved	3.3.0	R3
25.419	027	1	F	R99	RP-000616	R3-002713	Clarification on rules for assigning criticality/presence values in standard releases later than R99	approved	3.3.0	R3
25.419	028		F	R99	RP-000616	R3-002684	Correction of Triggering Message IE	approved	3.3.0	R3
25.419	029	1	F	R99	RP-000616	R3-003244	Clarification of SAI Definition	approved	3.3.0	R3
25.422	008		F	R99	RP-000617	R3-003037	Corrections to SCTP and M3UA version numbers	approved	3.5.0	R3
25.423	202	1	F	R99	RP-000618	R3-002745	Clarification of the handling of UL UU In-and Out-of-sync detection in RNSAP	approved	3.4.0	R3
25.423	203	1	F	R99	RP-000618	R3-002767	Correction of compressed mode handling in the physical channel reconfiguration procedure	approved	3.4.0	R3
25.423	204		F	R99	RP-000618	R3-002501	Clarification of Measurement Termination at Measurement Object Deletion	approved	3.4.0	R3
25.423	205	1	F	R99	RP-000618	R3-002711	Handling of the optional IEs inside the Criticality Diagnostics IE	approved	3.4.0	R3
25.423	206	1	F	R99	RP-000618	R3-003264	Removal of C-RNTI from the Common Transport Channel Resources Release Procedure:	approved	3.4.0	R3
25.423	207	2	F	R99	RP-000618	R3-003013	Downlink Power control correction	approved	3.4.0	R3
25.423	209		F	R99	RP-000618	R3-002519	Clarification of Measurement termination	approved	3.4.0	R3
25.423	210		F	R99	RP-000618	R3-002527	Protocol specification principles	approved	3.4.0	R3
25.423	211	2	F	R99	RP-000618	R3-002989	Transport channel modification	approved	3.4.0	R3
25.423	212	2	F	R99	RP-000618	R3-002987	Explanation of cause values	approved	3.4.0	R3
25.423	213		F	R99	RP-000618	R3-002536	Handling of optional IE's in RL SETUP and RL ADDITION	approved	3.4.0	R3
25.423	214	4	F	R99	RP-000618	R3-002990	CFN/SFN in measurement reporting	approved	3.4.0	R3
25.423	216	2	F	R99	RP-000618	R3-003229	Correction to CM Configuration validity requirement	approved	3.4.0	R3
25.423	217	1	F	R99	RP-000618	R3-002731	Handling of invalid patterns in Compressed Mode	approved	3.4.0	R3
25.423	219	5	F	R99	RP-000618	R3-003230	Support CN direct paging	approved	3.4.0	R3
25.423	221		F	R99	RP-000618	R3-002580	Common Transport Channel Resources Initialisation Clarification	approved	3.4.0	R3
25.423	222		F	R99	RP-000618	R3-002581	Inconsistency between Tabular and ASN.1 for TDD messages	approved	3.4.0	R3
25.423	223	2	F	R99	RP-000618	R3-002870	Clarification on rules for using the tabular format	approved	3.4.0	R3
25.423	224	4	F	R99	RP-000618	R3-003201	Corrections to Transport Format Set	approved	3.4.0	R3
25.423	225	5	F	R99	RP-000621	R3-003317	TDD DL Power control on timeslot basis.	approved	3.4.0	R3
25.423	226	1	F	R99	RP-000618	R3-002765	Update of Physical Channel Reconfiguration procedure text, addressing optional IE's	approved	3.4.0	R3
25.423	227	4	F	R99	RP-000619	R3-003237	TDD Rx Timing Deviation in RNSAP	approved	3.4.0	R3
25.423	228	2	F	R99	RP-000619	R3-003232	Correction for Tabular forma	approved	3.4.0	R3
25.423	230	1	F	R99	RP-000619	R3-002751	Uplink outer-loop power control in compressed mode	approved	3.4.0	R3
25.423	232	2	F	R99	RP-000619	R3-002854	Updated RNSAP Synchronised RL Reconfiguration Procedure (Optional IEs)	approved	3.4.0	R3

Spec	CR	R	Cat	Phase	Doc-1st-	Doc-2nd-	Subject	Status-1st-	Versio	WG
25.423	233	1	F	R99	RP-000619	R3-003287	Updated RNSAP Unsynchronised RL Reconfiguration Procedure (Optional IEs): Update to R3-002764	approved	3.4.0	R3
25.423	234	4	F	R99	RP-000619	R3-003179	Admission control corrections	approved	3.4.0	R3
25.423	235	2	F	R99	RP-000619	R3-002819	Correction of Criticality Information for ASN.1 IEs representing both an IE and a Choice in the Tabular	approved	3.4.0	R3
25.423	236	2	F	R99	RP-000619	R3-003228	Clarification of the usage of the Procedure Code in RNSAP	approved	3.4.0	R3
25.423	237	2	F	R99	RP-000619	R3-002845	Correction of the DL power balancing	approved	3.4.0	R3
25.423	238		F	R99	RP-000619	R3-002787	RSSI renaming and reference correction	approved	3.4.0	R3
25.423	239	1	F	R99	RP-000619	R3-002966	Synchronisation downlink power balancing	approved	3.4.0	R3
25.423	241	2	F	R99	RP-000621	R3-003316	RNSAP Extensibility aspects.	approved	3.4.0	R3
25.423	243		F	R99	RP-000619	R3-002996	LCS support on Iur in case of partial RL Setup/-Addition Failure	approved	3.4.0	R3
25.423	244	1	F	R99	RP-000619	R3-003240	Improved Coding of CTFC	approved	3.4.0	R3
25.423	245	1	F	R99	RP-000621	R3-003312	Included Propagation Delay in RNSAP UL Signalling Transfer Indication (FDD). Update to 3001.	approved	3.4.0	R3
25.423	246	1	F	R99	RP-000619	R3-003205	Transport bearer establishment	approved	3.4.0	R3
25.423	247	1	F	R99	RP-000621	R3-003311	Removal of DRNC Selection of PRACH and Secondary CCPCH. Update to 3010.	approved	3.4.0	R3
25.423	248	1	F	R99	RP-000619	R3-003236	Missing IEs needed at Channel Switching from Cell_FACH to Cell_DCH	approved	3.4.0	R3
25.423	249		F	R99	RP-000619	R3-003014	Clarification of Procedure Queuing in RNSAP	approved	3.4.0	R3
25.423	250		F	R99	RP-000619	R3-003017	Clarification of the Scope of the Common Transport Channel Resources Initialisation Procedure	approved	3.4.0	R3
25.423	252	1	F	R99	RP-000621	R3-003313	Missing IEs for Neighbouring GSM cells.	approved	3.4.0	R3
25.423	253	4	F	R99	RP-000621	R3-003332	Consistency of the RNSAP Specification.	approved	3.4.0	R3
25.423	254	2	F	R99	RP-000621	R3-003331	Alignment of URA Information between different RNSAP messages.	approved	3.4.0	R3
25.423	255		F	R99	RP-000619	R3-003028	CCTrCH information in Physical channel reconfiguration clarification	approved	3.4.0	R3
25.423	256	2	F	R99	RP-000619	R3-003270	DCH information in TDD messages	approved	3.4.0	R3
25.423	257		F	R99	RP-000696	R3-003031	Timing advance enable clarification	approved	3.4.0	R3
25.423	259	1	F	R99	RP-000696	R3-003172	Relation between UL and DL CCTrCH for TPC	approved	3.4.0	R3
25.423	260	2	F	R99	RP-000696	R3-003276	Variability of SF in UL Physical Channel for TDD mode	approved	3.4.0	R3
25.423	263	3	F	R99	RP-000621	R3-003318	Extensibility correction of the DCH Information Response.	approved	3.4.0	R3
25.423	264	4	F	R99	RP-000621	R3-003328	Extensibility correction for DSCH and USCH Information Response	approved	3.4.0	R3
25.423	265	1	F	R99	RP-000621	R3-003315	Refinement for extension tools in ASN.1 (Iub/Iur extensibility: issue 2.1).	approved	3.4.0	R3
25.423	268	1	F	R99	RP-000696	R3-003189	RNSAP Extensibility aspects (RB Mapping text)	approved	3.4.0	R3
25.423	269	1	F	R99	RP-000696	R3-003231	Correction for ProtocolIE-Single-Container: Update to Correction for ProtocolIE-Single-Container	approved	3.4.0	R3
25.423	270	2	D	R99	RP-000621	R3-003330	Extensibility correction for DSCH and USCH Information Response	approved	3.4.0	R3
25.423	271	1	F	R99	RP-000621	R3-003327	Clarification of Assignments of ASN.1 Constants.	approved	3.4.0	R3
25.423	274	1	F	R99	RP-000696	R3-003243	Clarification of SAI Definition	approved	3.4.0	R3
25.423	275	1	F	R99	RP-000696	R3-003226	Round trip time (UTRAN) for RNSAP	approved	3.4.0	R3
25.423	276		F	R99	RP-000696	R3-003181	Dated References to RAN WG4 specs	approved	3.4.0	R3
25.423	277		F	R99	RP-000696	R3-003183	Introduction of extension of ddMode	approved	3.4.0	R3
25.423	278	1	F	R99	RP-000696	R3-003219	Extensibility Correction for DCH Information Response Group IE	approved	3.4.0	R3
25.423	280		F	R99	RP-000696	R3-003263	Clarification of the uplink and downlink signalling transfer	approved	3.4.0	R3

Spec	CR	R	Cat	Phase	Doc-1st-	Doc-2nd-	Subject	Status-1st-	Versio	WG
25.423	281		F	R99	RP-000696	R3-003281	introduction of Alpha value for RNSAP Signalling	approved	3.4.0	R3
25.424	006	1	F	R99	RP-000622	R3-003258	Application of AAL2 Link Characteristics on Iub/Iur DCHs	approved	3.5.0	R3
25.425	018	1	F	R99	RP-000623	R3-002803	Correction of Iur FACH data frame header	approved	3.3.0	R3
25.425	019	1	F	R99	RP-000623	R3-002806	FACH Capacity Request control frame	approved	3.3.0	R3
25.425	021	1	F	R99	RP-000623	R3-003141	Removal of the S-CCPCH Indicator (S-CI)	approved	3.3.0	R3
25.426	007		D	R99	RP-000624	R3-002648	Editorial correction to 25.426	approved	3.5.0	R3
25.426	008		F	R99	RP-000624	R3-003038	Corrections to SCTP and M3UA version numbers	approved	3.5.0	R3
25.426	009	1	F	R99	RP-000624	R3-003257	Application of AAL2 Link Characteristics on Iub/Iur DCHs	approved	3.5.0	R3
25.427	036		F	R99	RP-000625	R3-002522	Invalid CFN value in control frames	approved	3.5.0	R3
25.427	037	1	F	R99	RP-000625	R3-002802	Editorial correction Rx Timing Deviation control frame	approved	3.5.0	R3
25.427	038		F	R99	RP-000625	R3-002628	Behaviour due to Timing Advance adjustment	approved	3.5.0	R3
25.430	013		F	R99	RP-000626	R3-003100	Correction on CSICH	approved	3.4.0	R3
25.433	250	1	F	R99	RP-000627	R3-002780	Measurement report grouping in Node B	approved	3.4.0	R3
25.433	251	1	F	R99	RP-000627	R3-002746	Clarification of the handling of UL UU In-and Out-of-sync detection in NBAP	approved	3.4.0	R3
25.433	252	2	F	R99	RP-000627	R3-002818	Clarification of Measurement Termination at Measurement Object Deletion	approved	3.4.0	R3
25.433	253	1	F	R99	RP-000627	R3-002719	Handling of the optional IEs inside the Criticality Diagnostics IE	approved	3.4.0	R3
25.433	254	2	F	R99	RP-000627	R3-003012	Downlink Power control correction	approved	3.4.0	R3
25.433	255		F	R99	RP-000627	R3-002516	PRACH related corrections	approved	3.4.0	R3
25.433	256	2	F	R99	RP-000627	R3-002851	Common channel power clarification.	approved	3.4.0	R3
25.433	258		F	R99	RP-000627	R3-002520	Clarification of Measurement termination	approved	3.4.0	R3
25.433	260		F	R99	RP-000627	R3-002528	Protocol specification principles	approved	3.4.0	R3
25.433	261	2	F	R99	RP-000627	R3-002988	Transport channel modification	approved	3.4.0	R3
25.433	262	5	F	R99	RP-000630	R3-003321	Admission control of internal Node B resources.	approved	3.4.0	R3
25.433	263	4	F	R99	RP-000627	R3-002853	Explanation of cause values	approved	3.4.0	R3
25.433	264	2	F	R99	RP-000627	R3-002817	CFN/SFN in measurement reporting	approved	3.4.0	R3
25.433	265		F	R99	RP-000627	R3-002540	PRACH pre-amble threshold definition	approved	3.4.0	R3
25.433	267	1	F	R99	RP-000627	R3-002770	Correction to the Dedicated Measurement Initiation Response and Failure messages	approved	3.4.0	R3
25.433	268	2	F	R99	RP-000627	R3-002841	Clarifications to Compressed Mode signalling	approved	3.4.0	R3
25.433	269	2	F	R99	RP-000627	R3-002840	Handling of invalid patterns in Compressed Mode	approved	3.4.0	R3
25.433	270	1	F	R99	RP-000627	R3-002778	AICH power offset value range	approved	3.4.0	R3
25.433	271	3	F	R99	RP-000627	R3-002981	Corrections to System Information Update procedure	approved	3.4.0	R3
25.433	273		F	R99	RP-000627	R3-002582	Inconsistency between Tabular and ASN.1 for TDD messages	approved	3.4.0	R3
25.433	274	2	F	R99	RP-000627	R3-002871	Clarification on rules for using the tabular format	approved	3.4.0	R3
25.433	275	4	F	R99	RP-000628	R3-003203	Corrections to Transport Format Se	approved	3.4.0	R3
25.433	276	4	F	R99	RP-000628	R3-003199	TDD DL Power control on timeslot basis	approved	3.4.0	R3
25.433	277		F	R99	RP-000628	R3-002623	Max PRACH Midamble Shift" presence	approved	3.4.0	R3
25.433	278	1	F	R99	RP-000628	R3-003062	Timing Advance adjustment in TDD mode	approved	3.4.0	R3

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Spec	CR	R	Cat	Phase	Doc-1st-	Doc-2nd-	Subject	Status-1st-	Versio	WG
25.433	279	2	F	R99	RP-000630	R3-003320	Gain Factor in TDD Mode.	approved	3.4.0	R3
25.433	281	2	F	R99	RP-000628	R3-002969	Correction for tabular format	approved	3.4.0	R3
25.433	282	1	F	R99	RP-000628	R3-002776	Correction for range of time related to Report Characteristics IE	approved	3.4.0	R3
25.433	283	1	F	R99	RP-000628	R3-002752	Uplink outer-loop power control in compressed mode	approved	3.4.0	R3
25.433	285		D	R99	RP-000628	R3-002672	Editorial corrections for TS25.433	approved	3.4.0	R3
25.433	286	1	F	R99	RP-000628	R3-002801	Correction to ASN.1 codes in section 9.3.6	approved	3.4.0	R3
25.433	287	1	F	R99	RP-000628	R3-002807	Secondary scrambing code used in DL	approved	3.4.0	R3
25.433	288	1	F	R99	RP-000628	R3-002820	Correction of Criticality Information for ASN.1 IEs representing both an IE and a Choice in the Tabular	approved	3.4.0	R3
25.433	289	2	F	R99	RP-000628	R3-003025	Corrections to Error Indication/RL Deletion related to unknown UE Context Id	approved	3.4.0	R3
25.433	290	2	F	R99	RP-000628	R3-002846	Correction of the DL power balancing	approved	3.4.0	R3
25.433	291		F	R99	RP-000628	R3-002786	RSSI renaming and reference correction	approved	3.4.0	R3
25.433	292	2	F	R99	RP-000628	R3-002967	Synchronisation downlink power balancing	approved	3.4.0	R3
25.433	294		F	R99	RP-000628	R3-002972	Removal of Criticality Assignment on Choice Tags	approved	3.4.0	R3
25.433	295	1	F	R99	RP-000628	R3-003249	Correction of RL Reconfiguration procedure text	approved	3.4.0	R3
25.433	296		F	R99	RP-000628	R3-002979	NBAP Extensibility aspects	approved	3.4.0	R3
25.433	297	1	F	R99	RP-000628	R3-003239	Improved Coding of CTFC	approved	3.4.0	R3
25.433	298	2	F	R99	RP-000628	R3-003280	Improvements of the capacity model for admission control of Node B internal resources.:	approved	3.4.0	R3
25.433	299	3	F	R99	RP-000630	R3-003323	Changed conditions in NBAP RESET REQUEST message.	approved	3.4.0	R3
25.433	300	1	F	R99	RP-000697	R3-003204	Transport bearer establishment	approved	3.4.0	R3
25.433	301	1	F	R99	RP-000697	R3-003247	Clarification of the Handling of Common and Dedicated Resources in the cases Cell Deletion and Cell	approved	3.4.0	R3
25.433	302	1	F	R99	RP-000697	R3-003238	Segmentation of AUDIT RESPONSE	approved	3.4.0	R3
25.433	303	1	F	R99	RP-000697	R3-003248	Modification of System Information Update procedure	approved	3.4.0	R3
25.433	304		F	R99	RP-000697	R3-003015	TFCI2 transmit power	approved	3.4.0	R3
25.433	305	2	F	R99	RP-000697	R3-003269	DCH information in TDD messages	approved	3.4.0	R3
25.433	307	1	F	R99	RP-000697	R3-003173	Relation between UL and DL CCTrCH for TPC	approved	3.4.0	R3
25.433	308	2	F	R99	RP-000697	R3-003275	Variability of SF in UL Physical Channel for TDD mode	approved	3.4.0	R3
25.433	309		F	R99	RP-000697	R3-003064	Resource Status Indication corrections for TDD	approved	3.4.0	R3
25.433	310	3	F	R99	RP-000630	R3-003322	Extensibility correction for DCH Information Response	approved	3.4.0	R3
25.433	311	3	F	R99	RP-000630	R3-003329	Extensibility correction for DSCH and USCH Information Response	approved	3.4.0	R3
25.433	312	2	F	R99	RP-000697	R3-003271	Extensibility correction for FACH Information Response	approved	3.4.0	R3
25.433	313		F	R99	RP-000697	R3-003095	Refinement for extension tools in ASN.1	approved	3.4.0	R3
25.433	314	1	F	R99	RP-000697	R3-003254	Correction on CPCH	approved	3.4.0	R3
25.433	315	5	F	R99	RP-000630	R3-003333	Consistency of the NBAP Specification.	approved	3.4.0	R3
25.433	316	1	F	R99	RP-000697	R3-003177	Minor changes to NBAP	approved	3.4.0	R3
25.433	318	2	F	R99	RP-000630	R3-003326	Clarification of Assignments of ASN.1 Constants.	approved	3.4.0	R3
25.433	320	1	F	R99	RP-000697	R3-003227	Round trip time (UTRAN) for NBAP	approved	3.4.0	R3
25.433	321		F	R99	RP-000697	R3-003182	Dated References to RAN WG4 specs	approved	3.4.0	R3

Spec	CR	R	Cat	Phase	Doc-1st-	Doc-2nd-	Subject	Status-1st-	Versio	WG
25.433	322		F	R99	RP-000697	R3-003184	Introduction of extension of ddMode	approved	3.4.0	R3
25.433	323	1	F	R99	RP-000697	R3-003220	Extensibility Correction for DCH Information Response Group IE	approved	3.4.0	R3
25.433	324	4	F	R99	RP-000630	R3-003325	Physical channel IE extensibility.	approved	3.4.0	R3
25.434	004		D	R99	RP-000631	R3-002649	Editorial corrections to 25.434	approved	3.4.0	R3
25.434	005	1	F	R99	RP-000631	R3-003259	Application of AAL2 Link Characteristics on Iub/Iur DCHs	approved	3.4.0	R3
25.435	032		F	R99	RP-000632	R3-002521	CFN on DSCH	approved	3.5.0	R3
25.435	033		F	R99	RP-000632	R3-002629	Behaviour due to Timing Advance adjustment	approved	3.5.0	R3
25.435	035		F	R99	RP-000632	R3-002822	FP structure redefinintion	approved	3.5.0	R3
25.435	036	2	F	R99	RP-000632	R3-003262	Paging Message over Multiple Radio Frames	approved	3.5.0	R3
25.921	007		F	R99	RP-000575	R2-002373	Extension rules for supporting future releases	approved	3.2.0	R2
25.922	008		F	R99	RP-000576	R2-001968	PRACH/RACH configuration	approved	3.4.0	R2
25.922	009	1	F	R99	RP-000576	R2-002120	Example of VCAM mapping rule	approved	3.4.0	R2
25.922	010	1	F	R99	RP-000576	R2-002130	Predefined configurations for R'99	approved	3.4.0	R2
25.922	011		F	R99	RP-000576	R2-002434	Utilisation of compressed mode for BSIC reconfirmation	approved	3.4.0	R2
25.925	004	1	F	R99	RP-000577	R2-002349	Correction to ANSI-41 Cell Broadcast Service	approved	3.3.0	R2
25.926	014		F	R99	RP-000578	R2-001969	Removal of example RABs	approved	3.3.0	R2
25.926	015	2	F	R99	RP-000578	R1-001488	Correction on parameter "Maximum total number of transport blocks…"	approved	3.3.0	R2
25.926	016		F	R99	RP-000578	R2-002309	Change to UE multi-RAT capability	approved	3.3.0	R2
25.926	017	1	F	R99	RP-000578	R2-002478	Change from TR 25.926 to TS 25.306	approved	3.3.0	R2
25.931	004		D	R99	RP-000633	R3-002494	Editorial correction to 25.931	approved	3.2.0	R3
25.944	003	2	F	R99	RP-000546	R1-001471	Corrections for FDD part of TR 25.944	approved	3.3.0	R1
25.944	004	-	F	R99	RP-000546	R1-000997	TDD related changes for TR25.944, update	approved	3.3.0	R1
29.108	001	1	F	R99	RP-000634	R3-002849	Handling of Iu Signalling Connection Identifier IE	approved	3.1.0	R3
29.108	002	1	F	R99	RP-000634	R3-002837	Addition of Common Id procedure on the E-interface	approved	3.1.0	R3
34.109	005	1	F	R99	RP-000579	R2-002428	Setting up UE test loop for multiple radio bearer configurations	approved	3.2.0	R2

Annex D: Principles for handling of Release '99 corrections in the TSG-RAN WGs

- Corrections shall be limited to those parts where there is something to correct. The need for correction shall not be used as a reason to do functional changes; unless there are compelling reasons, (i.e. if there is no other way to do the correction), agreed by consensus.
- When handling the correction, clear reasons shall be presented for the changes and these changes shall be documented in the CR cover sheet.
- If Ad Hocs etc. activities are used to solved problems, the changes agreed in the Ad Hoc need to be documented including the reasons why the change was necessary. The bigger the change, the more attention should be paid to the report etc.to improve the efficiency of the actual WG handling the CR and to ensure full visibility of the process for those not able to participate in the Ad Hoc.

Annex E: Meeting schedule

TSG-RAN

Meeting	Date	Host	Location
RAN#11	13 - 16 March 2001	North American Friends of 3GPP	Palm Springs, CA, USA
RAN#12	12 - 15 June 2001	Ericsson	Stockholm, Sweden
RAN#13	18 - 21 September 2001	Lucent Technologies, CWTS	Beijing, China
RAN#14	11 - 14 December 2001	ARIB, TTC	Tokyo, Japan
RAN#15	05 - 08 March 2002	TTA	tbd, Korea
RAN#16	04 - 07 June 2002	Motorola	tbd, Europe
RAN#17	03 - 06 September 2002	Alcatel	tbd, France
RAN#18	03 - 06 December 2002	North American Friends of 3GPP	tbd, USA

TSG-RAN WG1

Meeting	Date	Host	Location
#18	15 - 18 January 2001	T1P1	Boston, MA, USA
#19	27 February - 02 March 2001	Motorola	Las Vegas, NV, USA
#20	21 - 25 May 2001	TTA companies	Seoul (tbc), Korea
#21	26 - 29 June	Nortel Networks (tbc)	Paris, France (tbc)
#22	27 - 31 August		
#23	08 - 12 October		
#24	19 - 23 November		

TSG-RAN WG2

Meeting	Date	Host	Location
#18	15 - 19 January 2001	Vodafone Ltd., BT/Cellnet, Hutchison, Lucent Technologies	Edinburgh, UK
#19	19 - 23 February 2001	ETSI	Sophia Antipolis, France
#20	09 - 13 April 2001	NTT DoCoMo	Yokosuka, Japan
#21	21 - 25 May 2001	TTA companies	Seoul (tbc), Korea
#22	09 - 13 July 2001	Siemens	Berlin, Germany
#23	27 - 31 August 2001	Nokia	tbd, Finland
#24	15 - 19 October 2001	GBT	New York (tbc), USA
#25	26 - 30 November 2001	Fujitsu	tbd, Japan

TSG-RAN WG3

Meeting	Date	Host	Location
#18	15 - 19 January 2001	Ericsson	Lidingö, Sweden
#19	26 February - 02 March 2001	Lucent Technologies	tbd
#20	17 - 20 April 2001	NEC	tbd
#21	21 - 25 May 2001	TTA companies	Seoul (tbc), Korea
#22	27 August - 01 September 2001		
#23	26 - 30 November 2001		

TSG-RAN WG4

Meeting	Date	Host	Location
#15	23 - 26 January 2001	North American Friends of 3GPP	Boston, MA, USA
#16	19 - 23 February 2001	Maxmobile	Vienna, Austria
#17	21 - 25 May 2001	Ericsson	Göteborg, Sweden
#18	09 - 13 July 2001	Siemens	Berlin, Germany
#19	03 - 07 September 2001	Agilent	Scotland, United Kingdom
#20	12 - 16 November 2001		New York, USA