TSG-RAN meeting #10 RP-000522
Bangkok, Thailand, 6-8 December 2000

Title: **Revised draft Report of the 9th TSG-RAN meeting (Oahu, HI, USA, 20-22 September 2000)**
Document for: **Comment**
Source: **3GPP support team**

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Executive summary

During TSG-RAN #9, a total of 191 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 postponed. The only postponed CR of TSG-RAN #8 was rejected in TSG-RAN #9.

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

It was decided that the examples provided by WG1 and WG2 in TS 25.926 for the purpose of the testing groups could be deleted, since TSG-T would derive the test cases from the GSM Association document "Typical Radio Parameters Sets".

Several output documents to ITU-R were discussed and approved on the following topics: update of RSPC, conformance test specifications, handling of measurement uncertainty, and unwanted emissions. A proposed LS on Interpretation of Link characteristics parameter was approved to be sent to ITU-T through an ITU member.

It was decided to carry out a coexistence study for 3.84 Mcps TDD and 1.28 Mcps TDD.

Several new work items (Small Enhancements and Improvements, DSCH power control improvement in SHO, Migration to Modification procedure, UMTS 1800) and one new study item (Feasibility Study of UE antenna efficiency test methods performance requirements) were agreed. The RAB QoS Negotiation and UE positioning WIs were revised considerably. New WI sheets were provided for TrFO, IP transport in UTRAN, Radio Interface Improvement Feature and RAN Improvement Feature. The existing R'00 WI sheets were rediscussed and endorsed after changes have been made, particularly with respect to the timing. For many of the WIs a TR was provided for information for the first time. It was decided that all available TRs and TSs would in future be made available to TSG-RAN, independent of the version they were in.

Guidance was provided to WG2 and WG3 on handling common elements in their specifications for future releases.

Following a discussion on the concept of 'deep freezing' (which was rejected), it was made clear that there should be far more emphasis on providing the correct category for a CR and an analysis of backward compatibility and more generally on filling correctly the CR front sheet with a real effort on the information provided in the 'Consequences if not approved' part.

The ToR for TSG-RAN had been updated by OP and was presented. ToRs for all WGs were approved.

1 Opening of the meeting

Yukitsuna Furuya (Chairman) opened the meeting and welcomed the delegates to Hawaii. On behalf of the hosts, Akio Sasaki (ARIB) welcomed the delegates as well.

2 Approval of the agenda

RP-000329 Proposed agenda (Chairman)
This document was replaced by RP-000482.

RP-000482 Revised proposed agenda (Chairman)
Yukitsuna Furuya (Chairman) proposed the revised agenda for the meeting.
Discussion: The only difference was the order in which the various work items and study items appeared.
Decision: The agenda was approved.

3 Approval of the meeting report of TSG-RAN Meeting #8

RP-000330 Draft Report of the 8th TSG-RAN meeting (Düsseldorf, Germany, 21-23 June 2000) (Secretary)

RP-000331 Revised draft Report of the 8th TSG-RAN meeting (Düsseldorf, Germany, 21-23 June 2000) (Secretary)
The revised meeting report of TSG-RAN #8 in RP-000331 had been distributed via the email reflector and was on the server. Compared to the original draft version, there was a small change in the discussion part of RP-000307. The meeting calendar had also been updated with WG2 meetings. Since the distribution of RP-000331 dates for WG3 and WG4 had become available. These would be in the approved report.
Decision: The report was approved. The approved report would be available in RP-000332.

RP-000332 Approved Report of the 8th TSG-RAN meeting (Düsseldorf, 21-23 June 2000) (Secretary)
This was the approved report of the TSG-RAN #8 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-000334 (S1-000563, to TSG-RAN) LS on Status of IMEI coding (TSG-SA WG1)
Niels Andersen (TSG-SA Chairman) presented this LS.
Discussion: This LS was for information to TSG-RAN, since all actions necessary in RAN had already been taken earlier.
Decision: The LS was noted.

RP-000335 (S1-000651, to TSG-RAN) LS on Re-establish Capability for Emergency call (TSG-SA WG1)
Niels Andersen (TSG-SA Chairman) presented this LS.
Discussion: This issue would need to be handled by TSG-CN, and TSG-RAN assumed there was no impact. However, whether or not there was an impact depended on the solution, and therefore there should be a check with TSG-SA WG2.
Decision: The LS was noted. Francois Courau (Vice-Chairman) would check with TSG-SA WG2 if action in TSG-RAN would be necessary.

4.1.2 TSG-T and TSG-T WGs

RP-000475 (T2-000577, to TSG-RAN) LS on RAN WG3 LS to TSG T2 (Usage of Message type in TS 25.419 (SABP) (TSG-T WG2)
Carolyn Taylor (TSG-RAN WG3 Secretary) presented this LS.
Discussion: There was agreement in WG3 that its CR was correct, and that it would still ask for approval for the CR. If T2 was unwilling to align, that was no problem for WG3, but this CR should be approved.
Decision: The LS was noted. The TSG-RAN WG3 position was supported and the CR was approved. Carolyn Taylor (TSG-RAN WG3 Secretary) would draft the response to TSG-T WG2 in RP-000494.

4.1.3 TSG-CN and TSG-CN WGs

There were no LSs from these groups.

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

RP-000336 Draft report from OP#3 (OP Secretary)
Yukitsuna Furuya (Chairman) presented this report.
Discussion: The document was for information.
Decision: The report was noted.

RP-000337 Draft report from PCG#3 (PCG Secretary)
Yukitsuna Furuya (Chairman) presented this report.
Discussion: The document was for information.
Decision: The report was noted.

RP-000487 On Calls for IPRs (Chairman)
Yukitsuna Furuya (Chairman) presented this document.

Decision: The document was noted. Don Zelmer (Vice-Chairman) would tabulate and report IPRs. No declarations of IPRs were provided to Don Zelmer.The handling of this document constituted for this meeting the call for IPRs as explained in the document.

RP-000338 Updated RAN ToR (OP)
Yukitsuna Furuya (Chairman) presented this report.
Discussion: This was the new RAN ToR approved by the OP.
Decision: The ToR was noted.

4.2.2 GSM Association

RP-000447 Typical radio parameter sets version 1.3 (GSM-ISG)
Yukihiko Okumura (NTT DoCoMo) presented this document.
Discussion:

- There was no plan to revise this version anymore, although it could be done if there was felt to be a need for it. However, the group inside GSMA responsible for the updates had had its last meeting already.
- The chairmen of WG1 and WG2 explained that in their opinion there should be an official status for this document, since TSG-T WG1 is using it for the purpose of creating test specifications, and there had also been several attempts to write CRs to it already. The status of the document was currently confusing to a lot of people. It was clarified by several operators that the only purpose of the document was to provide guidance on the prioritisation of tests for TSG-T. Currently, the same information, and sometimes conflicting information can be found in RAN documents, which was a problem, and there should really, in TSG-T groups, be references to TSG-RAN documents, not to the GSMA document.
- Another problem was that manufacturers had no access to GSMA to make changes to this document. The current document did not reference to the core specifications from which it took its information.
- GSMA, as a market partner, could provide requirements, but not technical documents to the TSGs. Voicestream stated it would be happy to provide the technical parts of this document to TSG-RAN if there was a formal problem.

Decision: The document would not get an official status in 3GPP. TSG-T was encouraged to make sure there were no conflicts and that everyone understood the purpose of the GSMA document, and that only 3GPP documents were referenced. After discussion with TSG-T, it was decided that TSG-RAN WG2 could remove from TR 25.926 the last part, and that TSG-T would delete all references (only one left, and that was a mistake) to the GSMA document.

4.2.3 ITU-R

RP-000460 LS (ITU-R WP 8F) on Updating of recommendation ITU-R M.1457 (ITU-R Ad Hoc contact person) (see agenda item 5.5)

RP-000488 LS (ITU-R WP 8F) on Handling of measurement uncertainty for the terrestral component of IMT-2000 (ITU-R Ad Hoc contact person) (see agenda item 5.5)

RP-000489 LS (ITU-R WP 8F) on Unwanted Emissions (ITU-R Ad Hoc contact person) (see agenda item 5.5)

4.2.4 Others

RP-000506LS on Location Services Functionality in 3GPP Specifications (GSM North America)
This document was for information, since it covered GERAN only.

RP-000476ARIB's comment on the ITU document 8F/TEMP/33-E (ARIB) (see agenda item 5.5)

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-000333(R4-000471, copy TSG-RAN) Response to LS (R1) on low chip rate TDD interference/deployment scenarios (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this LS.
Discussion: It was felt that although this was not currently part of the WG4 remit, it was an important issue that needed to be investigated. There was an input paper from various operators (RP-000485).
Decision: The LS was noted. See discussion RP-0000485 and RP-000495 in Agenda Item 6.

RP-000466(R4-000720, to TSG-RAN) LS on RAN4 Terms of Reference (TSG-RAN WG4) (See agenda item 7).

5 Status Report and Approval of contributions - Release '99

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

5.1 TSG-RAN WG1

5.1.1 Report from TSG-RAN WG1

RP-000339 Report from WG1 chairman to TSG-RAN (TSG-RAN WG1 Chairman)
Antti Toskala (Chairman TSG-RAN WG1) presented this report.
Presentation:
- Release '99 issues now use typically 1 day out of 4 days in the meetings;
- Postponed CR 059 of TSG-RAN #8 could be rejected now as the issue was solved;
- Technical report on narrowband TDD completed, work on draft CRs started;
- Release 2000 discussion continued. For the following features WG1 agreed to provide TR for TSG-RAN and proceed for Release 2000:
  - DPCCH gating (as part of Terminal power saving features);
  - TDD Node B synch;
  - DSCH power control improvement in SHO;
  - 1.28 Mcps TDD;
  - Adaptive antennas (TR provided, no specification changes identified yet);
  - Other topics either not agreed or no conclusions reached or explicitly agreed not being considered further for Release 2000;
- For first time in history, WG1 #14 closed 1/2 day earlier than scheduled.

Discussion: None.
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-000340	25.211	3.3.0	Agreed CRs	approved 1)	3.4.0

1) The issues brought up in CR 059, that was postponed from the TSG-RAN #8 meeting, were covered by other CRs in this batch. CR 059 was rejected.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000341	25.212	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-000342	25.214	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.215: Measurements (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000343	25.215	3.3.0	Agreed CRs	approved	3.4.0

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-000344	25.221	3.3.0	Agreed CRs	approved	3.4.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000345	25.222	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.223: Spreading and modulation (TDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000346	25.223	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.224: TDD; physical layer procedures

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000347	25.224	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.225: Measurements (TDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000348	25.225	3.3.0	Agreed CRs	approved	3.4.0

CRs to TR 25.944: Channel coding and multiplexing examples

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000349	25.944	3.1.0	Agreed CRs	approved	3.2.0

5.2 TSG-RAN WG2

5.2.1 Report from TSG-RAN WG2

RP-000350 Report from WG2 chairman to TSG-RAN (TSG-RAN WG2 Chairman)

RP-000351 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-000350) and the supplement of agreed CRs (RP-000351). 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-000449 (see agenda item 6).

Presentation:

- Highlights Release'99 (CR list in RP-000351):
  - Completion/correction on RRC: a lot of progress… As many CRs as last RAN, but many more clarifications than true corrections;

  - Cell selection/re-selection: restructured document, now expected to be stable;
  - Handover to/from GSM: complete;
  - Security: some holes identified and partly filled in on principles. Stage 3 description missing from RRC;
  - RLC: many minor corrections;
  - SRNS relocation: progressed but some problems may remain;
    - Complex procedures which is across two WGs;
  - Other specifications experiencing minor changes.
- Release 2000 (details in RP-000449, agenda item 6):
  - Hybrid ARQ II/III : good progress
  - UE positioning in UTRA FDD : started
  - UE positioning in UTRA TDD : started
  - Radio access bearer support enhancement : started
  - Improved usage of downlink resource in FDD for CCTrCHs of dedicated type : Not started
  - Low chip rate TDD layer 2 and layer 3 protocol aspects: good progress
  - Low Chip Rate TDD UE Radio Access Capability: good progress
- Concluding remarks:
  - Progress has again been important, but many working hours;
  - Release starts to stabilise;
  - Efforts are needed from all companies in order to bring release 99 specifications to the right quality standard;
  - Please sustain efforts and keep experts active in RAN WG2.

Discussion:

- For security, there are sometimes some delegates from TSG-SA WG3 in the TSG-RAN WG2 meetings. The target is to finalise this issue by December.
- Preconfiguration (w.r.t. handover to/from GSM) is still to be discussed, but that will only have Stage 2 impacts in GERAN, whereas the UTRAN radio protocols are complete.
- Immediate cell evaluation was an open issue. It was not clear if it was necessary (depending on the performance of the cell (re)selection), and if so, whether immediate cell evaluation was really the best solution. Several operators stated that they did not see the reason for immediate cell evaluation. If the cell (re)selection had bad performance, that needed to be addressed directly, not through a kind of emergency procedure. The procedure was optional in WG2 anyway, so operators without interest in it could simply ignore the procedure.

Decision: The report was noted. TSG-RAN WG4 will need to calculate the exact performance for cell reselection based on the now stable TSG-RAN WG2 documents and provide feedback to TSG-RAN WG2 ("not good enough" will not be sufficient; in that case an indication of how much improvement is needed is also required). TSG-RAN WG4 will take the decision on the performance and TSG-RAN WG2 will subsequently take a decision on the algorithms.

5.2.2 Discussions on decisions from TSG-RAN WG2

There were no documents for this agenda item.

5.2.3 Approval of contributions from TSG-RAN WG2

CRs to TS 25.301: Radio Interface Protocol Architecture

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000352	25.301	3.5.0	Agreed CRs	approved	3.6.0

CRs to TS 25.302: Services provided by the Physical Layer

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000353	25.302	3.5.0	Agreed CRs	approved	3.6.0

CRs to TS 25.303: Interlayer Procedures in Connected Mode

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000354	25.303	3.4.0	Agreed CRs	approved	3.5.0

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-000355	25.304	3.3.0	Agreed CRs	approved	3.4.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000356	25.305	3.2.0	Agreed CRs	approved	3.3.0

CRs to TS 25.321: MAC protocol specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000357	25.321	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.322: RLC Protocol Specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000358	25.322	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.323: Packet Data Convergence Protocol (PDCP) Specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000359	25.323	3.2.0	Agreed CRs	approved	3.3.0

CRs to TS 25.324: Broadcast/Multicast Control BMC

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000360	25.324	3.1.0	Agreed CRs	approved	3.2.0

CRs to TS 25.331: RRC Protocol Specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000361	25.331	3.3.0	Agreed CRs (1)	approved	3.4.0
RP-000362	25.331	3.3.0	Agreed CRs (2)	approved	3.4.0
RP-000363	25.331	3.3.0	Agreed CRs (3)	approved	3.4.0
RP-000364	25.331	3.3.0	Agreed CRs (4)	approved 1)	3.4.0
RP-000365	25.331	3.3.0	Agreed CRs (5)	approved 2)	3.4.0

1) CR 490 contained a conflict with WG3, but it was already there before. CR 490 was approved. Francois Courau (Vice-Chairman) would propose a document to WG2 and WG3 with guidelines on which group would provide which definitions. See RP-000510 in Agenda Item 7.
2) CR 520 introduced a conflict with WG3. CR 520 was postponed.

CRs to TR 25.922: Radio Resource Management Strategies

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000366	25.922	3.2.0	Agreed CRs	approved	3.3.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000367	25.925	3.1.0	Agreed CRs	approved	3.2.0

CRs to TR 25.926: UE Radio Access Capabilities

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000368	25.926	3.1.0	Agreed CRs	approved	3.2.0

5.3 TSG-RAN WG3

5.3.1 Report from TSG-RAN WG3

RP-000369 Report from WG3 chairman to TSG-RAN (TSG-RAN WG3 Chairman)
Carolyn Taylor (Secretary TSG-RAN WG3) presented this report.
Presentation:

- As the current chairman will resign, an election will be held at the next WG3 meeting. Until 6 October, candidatures for the WG3 chairmanship are accepted.
- Most of the Release '99 open issues presented at RAN#8 have been solved. Besides these, there have been even more contributions to solve other issues. Nevertheless, there are still a few issues to correct, especially on Iur and Iub interfaces.
- So far in 3GPP, there has been very much focus on specifying much new functionality in a short timeframe. From now on, we need to emphasize the quality aspects, i.e. continue to improve the quality of the Release '99 specifications, as well as work with higher quality requirements for the added functionality in future releases.
- Currently, corrections are included in WG3 specifications in the most straightforward way, i.e. to correct just what was erroneous. This means that a new version of a signalling specification may not be backward compatible with the previous version, e.g. due to changes in the ASN.1 coding. At some point new CRs must consider the backward compatibility to the previous version of the spec. E.g. the extension mechanisms built into the protocol could be used instead of redefining an existing IE. Since the specs are supposed to already be "frozen", this could be considered as a "deepfreezing" of the specs.
- A suggestion from the WG3 chairman is to include a short analysis of the backward compatibility to the previous version of the spec on the CR cover page for all new CRs.
- WG3 currently refers to WG4 specifications for the mapping of measurement quantities to protocol parameter values. This implies that any change of the mapping table in WG4 specifications may incur compatibility problems on the Iur and Iub interfaces, if the nodes on either side of the interface uses different versions of the WG4 specifications. If a change is really needed, it must be coordinated with WG3 to use the relevant extension mechanisms in the protocol to resolve backward compatibility. WG3 asked the chairman to bring this issue for discussion to TSG-RAN. One suggestion in WG3 is to refer to dated references of the WG4 specifications for mapping tables.
- Release 2000: In general, the time has been very limited in the Iur/Iub SWG for R00 items. In the Iu SWG, more time has been spent on Release '00 due to higher stability of the Release '99 Iu

specifications. There has been no assessment about realistic timeplans for the finalisation of the Release '00 work items.

- Iu related work items:
  - PS-domain handover for realtime services, TR 25.936:
    - First version of TR created, v0.1.0, RP-000452.
  - RAB QoS negotiation, TR 25.946:
    - First version of TR created, v0.1.0, RP-000435 (cover sheet), RP-000436 (TR)
- Iur/Iub related work items:
  - RRM optimisation on Iur/Iub, TR 25.935:
    - First version of the TR agreed (skeleton), v0.1.0, RP-000429 (cover sheet), RP-000430 (TR)
    - Congestion handling of DCH
    - Procedure parallelism on Iub/Iur
    - DPC Rate Reduction in soft handover:
    - Introduction of common measurements over Iur for neighbouring cell load measurements
    - Extension of Radio Interface Parameters updating in the user plane
    - Separation of resource reservation and radio link activation
    - Triggering of common transport channel resources initiation procedure by DRNC
  - Low chiprate TDD option, Iur/Iub aspects, TR 25.937:
    - First version of the TR agreed, v0.1.0, RP-000431 (cover sheet), RP-000432 (TR)
- General UTRAN work items:
  - QoS optimization for AAL2 connections (Q.2630 CS2), TR 25.934:
    - Several contributions and some discussions.
    - Revised TR in v0.2.0 is presented for information. RP-000427 (cover sheet), RP-000428 (TR)
    - TSG RAN is requested to forward an LS to ITU requesting some clarifications.
  - IP transport in UTRAN, TR 25.933:
    - Several contributions and some discussions. To have more time for the discussions, a separate ad hoc will take place.
    - An updated TR v0.2.0 is presented for information. RP-000425 (cover sheet), RP-000426 (TR)

Discussion:

- Release 2000 should always be backwards compatible with Release '99. "Deepfreezing" of Release '99 in the sense explained in the report should be no later than the first Release 2000 CRs, but may have to be earlier. For "deepfrozen" specifications, the idea was that backward compatible solutions would have a higher priority than not-backward compatible solutions.
- WG4 did not think that the reference issue was a big problem right now, but agreed that it needed to be taken into account carefully in the future. This issue required more thought.
- TSG-RAN was still waiting for TSG-SA WG2 input with respect to the issue of delay budgets.

Decision: The report was noted. With respect to deepfreezing, guidance would be provided in the document on definitions to be proposed to WG2 and WG3 by Francois Courau (Vice-Chairman). Per Beming (Ericsson) would draft a definition for "deepfreezing" in RP-000508. For deepfrozen documents, CRs would need an analysis of backward compatibility on their cover sheets. With respect to the references to WG4, this required more thought and would be taken into account in offline discussion. After offline discussion it was decided not to include references to dated versions of specifications.

5.3.2 Discussions on decisions from TSG-RAN WG3

RP-000445 Proposed LS (to ITU-T) on Interpretation of Link characteristics parameter (TSG-RAN WG3) (see agenda item 8)

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-000370	25.401	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.402: Synchronisation in UTRAN Stage 2

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000371	25.402	3.2.0	Agreed CRs	approved	3.3.0

CRs to TS 25.412: UTRAN Iu interface signalling transport

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000372	25.412	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.413: UTRAN Iu interface RANAP signalling

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000373	25.413	3.2.0	Agreed CRs (1)	approved	3.2.0
RP-000374	25.413	3.2.0	Agreed CRs (2)	approved	3.2.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000375	25.414	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.415: UTRAN Iu interface user plane protocols

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000376	25.415	3.5.0	Agreed CRs	approved	3.4.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000377	25.419	3.1.0	Agreed CRs	approved 1)	3.2.0

1) TSG-T WG2 had problems with CR 016 (see RP-000475, agenda item 4). Despite T2's position, the CR was approved.

CRs to TS 25.420: UTRAN Iur Interface: General Aspects and Principles

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000378	25.420	3.1.0	Agreed CRs	approved	3.2.0

CRs to TS 25.423: UTRAN Iur interface RNSAP signalling

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000379	25.423	3.2.0	Agreed CRs (1)	approved	3.3.0
RP-000380	25.423	3.2.0	Agreed CRs (2)	approved	3.3.0
RP-000381	25.423	3.2.0	Agreed CRs (3)	approved	3.3.0

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-000382	25.424	3.3.0	Agreed CRs	approved	3.4.0

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-000383	25.426	3.3.0	Agreed CRs	approved	3.4.0

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-000384	25.427	3.3.0	Agreed CRs	approved	3.4.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000385	25.430	3.2.0	Agreed CRs	approved	3.3.0

CRs to TS 25.433: NBAP specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000386	25.433	3.2.0	Agreed CRs (1)	approved	3.3.0
RP-000387	25.433	3.2.0	Agreed CRs (2)	approved	3.3.0
RP-000388	25.433	3.2.0	Agreed CRs (3)	approved	3.3.0
RP-000389	25.433	3.2.0	Agreed CRs (4)	approved	3.3.0

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-000390	25.434	3.2.0	Agreed CRs	approved	3.3.0

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-000391	25.435	3.3.0	Agreed CRs	approved	3.4.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000392	25.931	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-000424 / RP-000423 (cover)	25.932	1.1.0	Delay Budget within the Access Stratum	noted 1)	1.1.0
RP-000454 / RP-000453 (cover)	30.531	0.8.1	Workplan	replaced by RP-000472 / RP-000471 (cover)	n/a
RP-000472 / RP-000471 (cover)	30.531	0.8.2	Workplan	noted	0.8.2

1) There was a question about the value for the delay budget (where does 3% come from, should it not be 1%). Per Beming (Ericsson) investigated. After investigation it turned out that the value 3% came from the high-level requirements document.

5.4 TSG-RAN WG4

5.4.1 Report from TSG-RAN WG4

RP-000393 Report from WG4 chairman to TSG-RAN (TSG-RAN WG4 Chairman)
Howard Benn (Chairman TSG-RAN WG4) presented this report.
Presentation:

- Good progress has been made since RAN#8. The number and magnitude of corrections to the BTS and UE release 99 specifications is reducing, and yet again significant progress has been made on the RRM documents. More corrections to the RRM documents should be expected at RAN #10.
- Work on release 4 (R00) work items is also progressing well. A separate document has been sent to RAN with the work items that RAN WG4 believe they should be working on (RP-000468). The report on the low chip rate TDD option is ready for approval by RAN. Several new reports have been started but are not yet ready for RAN approval. Concern has been raised over the number of work items that RAN 4 has to raise; it is not entirely apparent what the benefit of raising work items for very small work items.
- RP-000468 contains details of Release 2000 work items.
- A number of additional work items was proposed; this was to be discussed in Agenda Item 6.

Discussion:

- The Release 2000 TR for approval actually did not need to be approved, but to be endorsed.

Decision: The report was noted.

5.4.2 Discussions on decisions from TSG-RAN WG4

RP-000477 Proposed response (to ITU-R WP 8F) on Handling of measurement uncertainties (TSG-RAN WG4) (see agenda item 5.5)

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-000394	25.101	3.3.1	Agreed CRs	approved	3.4.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000395	25.102	3.3.0	Agreed CRs	approved	3.4.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000396	25.104	3.3.0	Agreed CRs	approved	3.4.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000397	25.105	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.113: Base station EMC

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000398	25.113	3.2.0	Agreed CRs	approved	3.3.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000399	25.123	3.2.0	Agreed CRs	approved	3.3.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000400	25.133	3.2.0	Agreed CRs	replaced by RP-000479	-
RP-000479	25.133	3.2.0	Agreed CRs	approved	3.3.0
RP-000480	25.133	3.2.0	CR 042 and CR 043	1) 2) replaced by RP-000497	1) 2)
RP-000497	25.133	3.2.0	Revised CR 042 and CR 043	approved	3.3.0

1) CR 043: in TSG-RAN WG1, the corresponding CR had been agreed as category F, and so CR 043 should be category F also. However, there was an accuracy section that was not for Release '99. Approved.
2) CR 042: CPCH requirements were not for Release '99. Approved.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000401	25.141	3.2.0	Agreed CRs	replaced by RP-000470	-
RP-000470	25.141	3.2.0	Agreed CRs	approved	3.3.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000402	25.142	3.2.1	Agreed CRs	approved	3.3.0

Reports from WG4 for information

Tdoc	Agreed as report	Presented as version	Title	Result	Final version
RP-000496 / RP-000511 (cover)	25.942	2.3.0	RF System Scenarios	noted 1)	2.3.0

1) Despite the version number, this TR was not intended for approval.

5.5 ITU Ad Hoc

RP-000459 Status Report (ITU-R Ad Hoc contact person)
Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this report.
Decision: The report was noted. It was proposed that, after handling the various documents in this meeting, the ITU-R Ad Hoc would enter dormant state again. It was decided to wait until the TSG-RAN #10 meeting, i.e., after the next ITU-R WP 8F meeting.

RP-000460 LS (ITU-R WP 8F) on Updating of recommendation ITU-R M.1457 (ITU-R Ad Hoc contact person)
Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this LS.
Decision: The LS was noted.

RP-000461 Proposed Final revised Overviews of the FDD and TDD components (ITU-R Ad Hoc contact person)
Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this report.
Discussion: There was a need for clear terminology for "low chip rate" and "high chip rate" TDD. Also, there were different phrases with yellow background that needed particular decisions.
Decision: The document was noted. The terminology used currently by TSG-RAN WG1 (mentioning the chiprate explicitly) was adopted for general use. A revision would be made available to be sent to ITU-R (see agenda item 8). The two variants of TDD would be referred to as "options". For each of the issues with a yellow background a decision was taken that would be reflected in the output document (RP-000504, see agenda item 8).

RP-000462 Proposed text on conformance specs for section 5.1.2 and 5.3.2 of IMT.RSP (ITU-R Ad Hoc)
Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this report.
Decision: The document was noted. The proposed text was approved.

RP-000463 Proposed baseline document for the revision of sections 5.1.2 and 5.3.2 of ITU-R M.1457 (ITU-R Ad Hoc contact person)
Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this report.
Discussion: The organisational partners were requested to fill out these tables and send it directly to ITU-R.
Decision: The document was noted. It was decided to send this document to OP.

RP-000464 Proposed letter (to Organizational Partners) on The year 2000 update of Rec ITU-R M.1457 (ITU-R Ad Hoc contact person)
Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this report.
Discussion: This letter was an explanation to the baseline document (RP-000463).

Decision: The document was noted. A few editorials needed to be corrected. The contents were considered approved and an update would be provided for agenda item 8, to be sent to the organisational partners. This update was available in RP-000505, that also contains RP-000463 (see agenda item 8).

RP-000476 ARIB's comment on the ITU document 8F/TEMP/33-E (ARIB)
Eisuke Fukuda (ARIB) presented this document.
Discussion: The attachment was similar to that of RP-000477, but seemed more precise.
Decision: The document was noted.

RP-000488 LS (ITU-R) on Handling of measurement uncertainty for the terrestral component of IMT-2000 (ITU Ad Hoc Contact Person)
Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this LS.
Discussion: This LS had been handled in TSG-RAN WG4.
Decision: The document was noted.

RP-000489 LS (ITU-R) on unwanted emissions (ITU Ad Hoc Contact Person)
Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this LS.
Discussion: This LS had been handled in TSG-RAN WG4.
Decision: The document was noted.

RP-000465 Proposed response to LS (ITU-R WP 8F) on Updating Recommendation ITU-R M.1457 (ITU-R Ad Hoc contact person) (see agenda item 8)

RP-000467 (R4-000xxx, to TSG-RAN) Proposed response to LS (ITU-R WP 8F) on Unwanted emissions (TSG-RAN WG4) (see agenda item 8)

RP-000477 Proposed response to LS (ITU-R WP 8F) on Handling of measurement uncertainties (TSG-RAN WG4) (see agenda item 8)

6 Release 2000

General

It was decided that all Release 2000 TRs and TSs available, no matter what version they were in, would be provided for information (or endorsement or approval, as the case may be) to each future TSG-RAN.

RP-000437 (AHR00-0028) Draft Principles of 3GPP Work Planning - Release Mechanisms (TSG-SA R00 Planning Ad Hoc)
Niels Andersen (TSG-SA Chairman) presented this document.
Discussion: The principles need to be adopted formally by TSG-SA first, but TSG-RAN needed to check if it would be agreeable. If adopted, the WI needed to be clearly indicated on every CR cover sheet.
Decision: The document was noted. TSG-RAN endorsed the principles.

RP-000438 (AHR00-0029) Framework for planned content of next Release (TSG-SA R00 Planning Ad Hoc)
Niels Andersen (TSG-SA Chairman) presented this document.

Discussion: This document and RP-000439 are "living" documents, that are related to the work plan. TSG-RAN needed to make a document similar to RP-000438 as input to TSG-SA. The Chairmen and the Secretary would do this and provide it to TSG-SA. [SECRETARY's NOTE: The information was provided in short version in the Chairman's report; Hans van der Veen (Secretary) also updated the Work Plan to reflect the latest status. No formal input document similar to RP-000438 was therefore required].
Decision: The document was noted.

RP-000439(AHR00-0031) 3GPP Work Planning for IM SubSystem (TSG-SA R00 Planning Ad Hoc)
Niels Andersen (TSG-SA Chairman) presented this document.
Discussion: This document contained a "discussed" result and constituted a wish list. TSG-RAN was requested to take this list into account when creating the input for TSG-SA.
Decision: The document was noted.

RP-000440Work Item sheets - latest situation (Secretary)
Decisions per Work Item:

1. *Low chip rate TDD option*.
   The end date would be TSG-RAN #11. The linked work items should be updated to all WIs on low chip rate TDD. All references would be deleted from section 10. With these changes, the WI sheet was endorsed.
2. *Base station classification*.
   The end date would be TSG-RAN#11. The rapporteur's name needed to be corrected. With these changes, the WI sheet was endorsed.
3. *FDD Base station classification*.
   The end date would be TSG-RAN#11 for all TRs and TSs. The relevant TR 25.951 (RP-000456) should be added to the WI sheet. With these changes, the WI sheet was endorsed.
4. *TDD Base station classification*.
   The end date would be TSG-RAN#11 for all TRs and TSs. The relevant TR 25.952 (RP-000458) should be added to the WI sheet. With these changes, the WI sheet was endorsed.
5. *UE positioning in UTRA TDD*.
   After discussion of all positioning WIs, it was decided to replace all three existing WIs with two new ones, to be found in RP-000509.
6. *UE positioning in UTRA FDD*.
   After discussion of all positioning WIs, it was decided to replace all three existing WIs with two new ones, to be found in RP-000509.
7. *Hybrid ARQ II/III*.
   Because of concerns in WG1, this WI could not be for Release 2000. The end date would be TSG-RAN #13 for all TRs and TSs, with endorsement of TR 25.835 (RP-000416, to be added to the WI sheet) and TR 25.837 (RP-000418) in TSG-RAN #12. With these changes, the WI sheet was endorsed.
8. *NodeB Synchronisation for TDD*.
   The end date would be TSG-RAN #11 for all TRs and TSs, with endorsement of TR 25.836 (RP-000406, to be added) and TR 25.838 (RP-000419, to be added), in TSG-RAN #10. With these changes the WI sheet was endorsed.
9. *UTRA Repeater Specification*.
   The end date would be TSG-RAN #11 for all TSs. The title would be updated to "UTRA FDD Repeater Specification". There should be a reference to positioning as well in section 14. With these changes, the WI sheet was endorsed.
10. *QoS optimization for AAL type 2 connections over Iub and Iur interfaces.*
    The end date would be TSG-RAN #11 for all TSs and TSG-RAN #10 for the TR 25.934 (RP-000428), which needed to be added. With these changes, the WI sheet was endorsed.

11. *Terminal power saving features*.
    The changes of the TSG-RAN #8 meeting had not been taken into account and should (see RP-000332: Section 14 had to be adapted. It was a building block belonging to feature "Radio Interface improvement"). The rapporteur should be changed to Hokyu Choi (same rapporteur as the rapporteur for the report). The end date would be TSG-RAN #11 for all TSs and TSG-RAN #10 for the TR 25.840 (RP-000407, to be added). With these changes, the WI sheet was endorsed.
12. *PS-Domain handover for real-time services.*
    The end date would be TSG-RAN #11 for all TSs and TSG-RAN #10 for the TR 25.936 (RP-000478), which needed to be added. With these changes, the WI sheet was endorsed.
13. *RAB Quality of Service Negotiation over Iu*.
    The end date would be TSG-RAN #11 for all TSs and TSG-RAN #10 for the TR 25.946 (RP-000436) and should be incorporated. There should be a link with the appropriate QoS WI for which TSG-SA WG2 is responsible. The WI sheet was replaced by RP-000498.
14. *RRM optimizations for Iur and Iub*.
    The end date would be TSG-RAN #11 for all TSs. The TR was 25.935 (RP-000430) and should be incorporated. With these changes, the WI sheet was endorsed.
15. *Radio access bearer support enhancement*.
    The end date would be TSG-RAN #11 for all TSs. IP header removal as developed within GERAN would be added as an example. At the end of the third bullet in Objective ("Suppport of variable..."), "over Uu" would be added. With these changes, the WI sheet was endorsed.
16. *Improvement of inter-frequency and inter-system measurements*.
    The end dates would be TSG-RAN #14. With these changes, the WI sheet was endorsed.
17. *Improved usage of downlink resource in FDD for CCTrCHs of dedicated type.*
    The end date would be TSG-RAN #11 for all TSs. TS 25.214 and TR 25.926 should be added with the same date. With these changes, the WI sheet was endorsed.
18. *IP Transport in UTRAN*.
    The end date would be TSG-RAN #11 for all TSs and TSG-RAN #10 for the TR 25.933 (RP-000426). The table on tasks in section 10 needed to be removed. With these changes, the WI sheet was endorsed.
19. *TrFO*.
    There was no WI sheet. A show of hands revealed that there was sufficient support for it in TSG-RAN. The update was produced in RP-000507.
20. *Evolution of the transport in the UTRAN*.
    Francois Courau (Alcatel) would be rapporteur. With these changes, the WI sheet was endorsed.
21. *Radio Interface Improvement Feature.*
    The objectives/justification of this WI and the WI "RAN Improvement Feature" had been mixed. The WI sheet would be replaced, but endorsement would be by e-mail. One week would be available for comments.
22. *RAN Improvement Feature.*
    The WI sheet would be replaced, but endorsement would be by e-mail. One week would be available for comments.
23. *Position Method Enhancement Feature.*
    There was no WI sheet. After discussion of all positioning WIs, it was decided to replace all three existing WIs with two new ones, to be found in RP-000509.
24. *Radio Interface Testing.*
    There was no WI sheet. This WI would be deleted from the RAN WIs.
25. *Requirement on Equipment.*
    There was no WI sheet. It would be provided by e-mail after the meeting. One week would be available for comments.

26. *Low Chip Rate TDD Physical Layer.*
    The dates should be changed to TSG-RAN #11, with the TR 25.928 (RP-000404) would be endorsed at TSG-RAN #10. With these changes, the WI sheet was endorsed.
27. *Low chip rate TDD layer 2 and layer 3 protocol aspects.*
    The end dates for all specs should be changed to TSG-RAN #11. TR 25.834 (RP-000414) needed to be added and would be for endorsement at TSG-RAN #11. With these changes, the WI sheet was endorsed.
28. *Low Chip Rate TDD RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing.*
    The end dates should be changed to TSG-RAN #11. TR 25.945 (RP-000490) needed to be added and would be for endorsement at TSG-RAN #10. With these changes, the WI sheet was endorsed.
29. *Smart antenna.*
    The end dates for all specs should be changed to TSG-RAN #11. TR 25.842 (RP-000412) needed to be added (endorsement at TSG-RAN #10). An additional sentence in the objectives section would be added to reflect the focus on TDD. The FDD specs were thought not to be impacted at all and should be removed. With these changes the WI sheet was endorsed.
30. *Low Chip Rate TDD UE radio access Capability.*
    The end dates for all specs should be changed to TSG-RAN #11. With this change, the WI sheet was endorsed.
31. *Low chip rate TDD UTRAN network Iub/Iur protocol aspects.*
    The end date should be changed to TSG-RAN #11. The TR 25.937 (RP-000474) would be for endorsement at TSG-RAN #10 and would need to be added. With these changes, the WI sheet was endorsed.

General decisions:

- All WI sheets needed to be changed in section 10 to "for endorsement" rather than "for information". This would at least be the interpretation for TSG-RAN.
- "Vodafone Airtouch" would be changed to "Vodafone Group" wherever applicable.
- The supporting companies would be replaced by "TSG-RAN" for all approved WI sheets.
- A link should be provided to GERAN WIs for all low chip rate WIs.

RP-000441Study Item sheets - latest situation (Secretary)

Decisions per Study Item:

1. *Radio link performance enhancements.*
   One topic had been agreed, for which a separate WI sheet was proposed (see RP-000442, Agenda Item 6.9). Nothing else would come for Release 2000. The objective of the study item needed to be changed. It was agreed that this Study Item was a permanent one that needed to be repeated for every release. The end dates should be TSG-RAN #14. TS 25.141, TS 25.142 and TS 34.121 should be added. However, all specifications were later decided to be removed from the Study Item sheets, and be added to the appropriate new Work Items when they are approved. With these changes, the Study Item sheet was endorsed.
2. *High speed downlink packet access.*
   The dates should be shifted by 1 TSG (#10-#11 rather than #9-#10) for the study report. Section 5 should be reworded as "Probably none" instead of "None". In the table WG1 should be changed to WG2 responsibility. With these changes, the Study Item sheet was endorsed.
3. *USTS.*
   WG1 had not been able to come to a conclusion. The dates should be shifted out of Release 2000. The study item report would need to be TSG-RAN #12. TR 25.839 should be a WG3 study report and should be included for TSG-RAN #12 also. The specifications would be TSG-RAN #14. With these changes, the Study Item sheet was endorsed.

4. *Feasibility Study for Improved Common DL Channel for Cell-FACH State*.
   The dates should be shifted by 1 TSG (#10-#11 rather than #9-#10) for the study report. With this change, the Study Item sheet was endorsed.

General decisions:

- The supporting companies would be replaced by "TSG-RAN" for all approved WI sheets.

RP-000449 Work Item and Study Item Status reports TSG-RAN WG2 (TSG-RAN WG2)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this document.
Discussion:

- There was a major concern in TSG-RAN WG4 on using compressed mode too much, since it degrades the link. TSG-RAN WG4 had sent an LS to TSG-RAN WG2 on this issue. The question came down to whether location services could be standardised using compressed mode, or not.
- With regard to IP header compression (WI Radio access bearer support enhancement), there were some concerns about the accountability of IETF. It was explained that there were a number of safeguards (requirements had been provided, liaison officers were available, companies participated in both IETF and 3GPP) and that IETF consisted of the real experts on this topic. If the outcome of IETF was not satisfactory, it was always possible to provide feedback and get an improved version, or start work if all else failed. However, no groups in TSG-RAN currently had the relevant experience on IP header compression.

Decision: The document was noted. It was understood that compressed mode, if used at all, would not be used in Release '99 for positioning with e.g. GPS.

RP-000469 3GPP Work Plan - for the IP Multi-media Subsystem (BT, Lucent, Nortel)
Chris Friel (BT) presented this document.
Discussion: The 'prerogative' was meant to mean that TSG-SA should co-ordinate the workplan. In response, it was made clear that TSG-SA could not set dates for the other TSGs; of course TSG-SA could give recommendations on priorities etc., but it was not acceptable to have TSG-SA change TSG-RAN WI sheets (for example) without prior consultation. Also, to do this it would be necessary to change the rules in 3GPP, and for that it was necessary to go to PCG. The companies proposing this contribution were requested to provide a contribution for discussion at the next PCG meeting (13-14 of November in San Francisco USA), if they wanted to pursue this.
Decision: The document was noted.

RP-000486 3GPP specifications status list prior to TSGs CN, RAN and T #9 (MCC)
This document was for information.
Decision: The document was noted.

6.1 Requirement on Equipment

6.1.1 Base station classification

6.1.1.1 FDD Base station classification

RP-000455 Cover sheet for TR 25.951 (TSG-RAN WG4)

RP-000456 TR 25.951 v0.0.1 (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this document.

Discussion: The section 8 "Impacts to other WGs" being empty did not mean there would be no impact, just that it had not been investigated in detail yet.
Decision: The document was noted.

6.1.1.2 TDD Base stations classification

RP-000457 Cover sheet for TR 25.952 (TSG-RAN WG4)

RP-000458 TR 25.952 v0.0.1 (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this document.
Discussion: This TR was similar to TR 25.951 and was for information only.
Decision: The document was noted.

6.1.2 UTRA Repeater Specification

RP-000443 Cover sheet for TS 25.106 (TSG-RAN WG4)

RP-000444 TS 25.106 v1.0.0 (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this TR.
Discussion: There was no identified impact on other groups, although there is certainly some foreseen difficulty concerning certain positioning methods that will be impossible to use.
Decision: The TS was noted. The TS and its companion TS 25.143 would be given as input to the positioning Ad Hoc group in TSG-RAN WG2 to study the impact.

RP-000483 Cover sheet for TS 25.143 (TSG-RAN WG4)

RP-000484 TS 25.143 v0.0.2 (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this TR.
Discussion: The working method in WG4 was to develop the conformance tests (also when making corrections) at the same time as the specifications.
Decision: The TS was noted. This TS was also provided to the location Ad Hoc group in TSG-RAN WG2.

6.2 Radio Interface Testing

This WI would be removed from the approved WIs.

6.3 RAN Improvement Feature

6.3.1 RRM optimizations for Iur and Iub

RP-000429 Cover sheet for TR 25.935 (TSG-RAN WG3)

RP-000430 TR 25.935 v0.1.0 (TSG-RAN WG3)
This TR was for information only.

6.3.2 Handover for real-time services from PS-Domain

RP-000451 Cover sheet for TR 25.936 (TSG-RAN WG3)

RP-000452 TR 25.936 v0.1.0 (TSG-RAN WG3)

RP-000478 TR 25.936 v0.1.0 (TSG-RAN WG3)
RP-000452 was replaced by RP-000478. This TR was for information only.

6.3.3 RAB Quality of Service Negotiation over Iu

This WI was considered to be important by various WG chairmen and other delegates. The WG3 Iu SWG was requested to study at an early stage the impact on other (non-RAN) WGs. The rapporteur was requested to investigate the status of the other WGs and report back on the e-mail reflector. The WI would be flagged to SA to draw attention to it.

RP-000435 Cover sheet for TR 25.946 (TSG-RAN WG3)

RP-000436 TR 25.946 v0.1.0 (TSG-RAN WG3)
This TR was for information only.

RP-000450 Proposed changes to WI "RAB Quality of Service Negotiation over Iu" (Motorola)
Howard Benn (Motorola) presented this document.
Discussion:
- The added companies were understood to be the ones supporting the changes. It was not clear what the status of the original supporting companies was.
- Rather than "call", it should be "call/session".

Decision: The document was noted. It was decided that supporting companies for the original WI had no meaning once the WI had been approved, since from then on it was TSG-RAN who supported the WI. Eventually this WI was replaced by RP-000500.

RP-000498 Proposed WI "RAB QoS NEGOTIATION/RENEGOTIATION over Iu" - Building block (Motorola)
Howard Benn (Motorola) presented this document.
Discussion: This was a replacement for part of 13. There was a request to confirm the supporting companies in case of changes. There was no problem this time, but that principle needed to be followed.
Decision: The WI was approved and the WI sheet was endorsed.

RP-000499 Proposed WI "RAB QoS NEGOTIATION over Iu" - Work Task (Motorola)
Howard Benn (Motorola) presented this document.
Discussion: This was a replacement for part of 13.
Decision: The WI was approved and the WI sheet was endorsed.

RP-000500 Proposed WI "RAB QoS RENEGOTIATION over Iu" - Work Task (Motorola)
Howard Benn (Motorola) presented this document.
Discussion: This was a replacement for RP-000450. A formal call for essential IPRs was made. No essential IPRs were declared.
Decision: The WI was approved and the WI sheet was endorsed. Yukitsuna Furuya (Chairman) would report on this WI to TSG-SA explicitly since it had impact on TSG-CN.

6.4 Evolution of the transport in the UTRAN

6.4.1 IP Transport in UTRAN

RP-000425 Cover sheet for TR 25.933 (TSG-RAN WG3)

RP-000426 TR 25.933 v0.2.0 (TSG-RAN WG3)
This TR was for information only.

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

RP-000427 Cover sheet for TR 25.934 (TSG-RAN WG3)

RP-000428 TR 25.934 v0.2.0 (TSG-RAN WG3)
This TR was for information only.

6.5 TrFO

RP-000491 TrFO Status Report (TSG-CN WG4)
Yun-Chao Hu (TrFO Convenor) presented this document.
Discussion: There was interaction planned with TSG-RAN WG3.
Decision: The document was noted. Since no WI sheet was available and both the WG3 chairman and the relevant SWG chairman were not available in this meeting, it was difficult to give an indication on the timing issue. The ad hoc group had proposed after its first meeting two alternatives. As these alternatives have impact on the workload within TSG RAN WG3, TSG-RAN WG3 was asked to investigate the issue, evaluate the impacts (including timing) and report on the TSG-RAN e-mail exploder. To TSG-SA plenary, TSG-RAN would indicate that currently it was not possible to provide a recommendation on the technology.

RP-000492 TrFO Workshop #03 meeting report (TSG-CN WG4)
This document was for information.

RP-000493 TrFO Workshop #02 meeting report (TSG-CN WG4)
This document was for information.

RP-000507 Proposed WI sheet "TrFO" (TrFO Convenor)
Yun-Chao Hu (TrFO Convenor) presented this document.
Discussion: The supporting companies were Siemens, Ericsson, NTT DoCoMo, NEC, Japan Telecom. Temporarily, the rapporteur would be Yun-Chao Hu (as TrFO convenor), on the understanding that there would be a rapporteur from TSG-RAN WG3 as soon as possible.
Decision: With these changes, the WI sheet was endorsed.

6.6 Positioning Method Enhancement Feature

RP-000509 New WI sheets related to UE Positioning (Nortel Networks)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this document.

Discussion: These WI sheets replaced 5 and 6. 20 was renamed "UE Positioning" and will need to be provided. The rapporteur from WG3 was left for WG3 to decide. An additional example would be added (Examples of planned enhancements): "Almanac corrections". The word "planned" in "Examples of planned enhancements" should be deleted.
Decision: With these changes, the WI sheets were both endorsed. WG3 was requested to provide a rapporteur at the next WG3 meeting and communicate this to Hans van der Veen (Secretary).

6.6.1 UE positioning in UTRA TDD

6.6.2 UE positioning in UTRA FDD

6.7 Radio Interface Improvement Feature

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

6.7.2 Radio access bearer support enhancement

6.7.3 Hybrid ARQ II/III

RP-000415 Cover sheet for TR 25.835 (TSG-RAN WG2)

RP-000416 TR 25.835 v1.0.0 (TSG-RAN WG2)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this TR.
Discussion:
- Antti Toskala (TSG-RAN WG1 Chairman) stated that the attitude in WG1 towards the WI "Hybrid ARQ II/III" for Release 2000 was very negative.

Decision: The TR was noted.

RP-000417 Cover sheet for TR 25.837 (TSG-RAN WG3)

RP-000418 TR 25.837 v0.1.0 (TSG-RAN WG3)
This TR was for information only.

6.7.4 Study item: High speed downlink packet access

The work split between the WGs on the Study Item "High speed downlink packet access" as mentioned in RP-000449 and discussed in the meeting would be as follows:

RAN WG1

1. Adaptive Modulation and Coding - Feasibility of multi-level modulation and coding schemes.
2. H-ARQ - link performance of different H-ARQ mechanism - Chase Combining, Incremental Redundancy, etc.
3. Frame size - one of the outputs of H-ARQ link performance should be an optimum frame size.
4. Reverse control channel - frame formats and need for multiple DPCH.
5. Implications on mobile station requirements.
6. Simulation assumptions for link and system simulations.

RAN WG2

1. Protocol architecture.
2. H-ARQ - protocol, messaging, etc.
3. Fast cell selection.

RAN WG4

1. Implementation aspects of higher order modulation.

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

6.7.6 Terminal power saving features

RP-000407 Cover sheet for TR 25.840 (TSG-RAN WG1)

RP-000408 TR 25.840 v1.0.0 (TSG-RAN WG1)
Antti Toskala (TSG-RAN WG1 Chairman) presented this TR.
Discussion: There were some questions about the EMC issue. This had been communicated with the appropriate groups already in 1999. The feature was intended for both uplink and downlink. The feature was currently thought to be optional in both UTRAN and UE. It was suggested therefore that it might be worthwhile to shift attention from power saving to system aspects. There had been, in 1999, a number of concerns from both WG4 and WG2. It was not clear if they had been addressed or not.
Decision: The TR was noted. WG2 and WG4 were requested to study the report and raise concerns if necessary. WG1 was requested to focus on system aspects.

RP-000433 Cover sheet for TR 25.938 (TSG-RAN WG3)

RP-000434 TR 25.938 v0.1.0 (TSG-RAN WG3)
This TR was for information only.

6.7.7 Smart antenna

RP-000411 Cover sheet for TR 25.842 (TSG-RAN WG1)

RP-000412 TR 25.842 v1.0.0 (TSG-RAN WG1)
Antti Toskala (TSG-RAN WG1 Chairman) presented this TR.
Decision: The TR was noted.

6.7.8 NodeB Synchronisation for TDD

RP-000405 Cover sheet for TR 25.836 (TSG-RAN WG1)

RP-000406 TR 25.836 v1.0.0 (TSG-RAN WG1)
Antti Toskala (TSG-RAN WG1 Chairman) presented this TR.
Decision: The TR was noted.

RP-000419 Cover sheet for TR 25.838 (TSG-RAN WG3)

RP-000420 TR 25.838 v0.1.0 (TSG-RAN WG3)
This TR was for information only.

6.7.9 Improvement of inter-frequency and inter-system measurements

6.7.10 Study item: Radio link performance enhancements

RP-000409 Cover sheet for TR 25.841 (TSG-RAN WG1)

RP-000410 TR 25.841 v1.0.0 (TSG-RAN WG1)
Antti Toskala (TSG-RAN WG1 Chairman) presented this TR.
Discussion: There was some confusion about the process. This TR would this time be considered as the Study Item report.
Decision: The TR was noted.

6.7.11 Study item: USTS

RP-000421 Cover sheet for TR 25.839 (TSG-RAN WG3)

RP-000422 TR 25.839 v0.1.0 (TSG-RAN WG3)
This TR was for information only.

6.8 Low chip rate TDD option

RP-000485 On the 3.84 Mcps TDD and 1.28 Mcps TDD coexistence study (BT, France Telecom, Mannesmann, NTT DoCoMo, Omnitel, Sonera, Telefonica,Telenor, Telia, Vodafone group)
Per Ernström (Telia) presented this document.
Discussion: The issue at stake was the interference in adjacent frequencies in the same cell, and adjacent cells in the same frequency, and especially the possibility of synchronisation. WG4 was currently looking at the adjacent frequency, unsynchronised case only. The WG1 and WG4 chairmen explained that the requested work was outside the Terms of Reference of both WG1 and WG4. There was also reluctance on their part to add this kind of work to the ToRs. In Europe a body called ERM was investigating similar issues (cross-border, FDD-to-FDD).
Decision: The document was noted. Before a decision could be taken, RP-000495 needed to be discussed.

RP-000495 Clarification of deployment scenarios to be considered by RAN regarding the two TDD options (CWTS)
Lixin Sun (CWTS) presented this document.
Discussion: This document addressed the topic of RP-000485. It was stated that if the unsynchronised case was studied only, the synchronised case would be better anyway and there was therefore no need to study it. The position of the proponents of RP-000485 was that there was a need, since the WG4 requirements on the unsynchronised case might need to be stricter if synchronisation was not possible.
Decision (on RP-000485 and RP-000495): The document was noted. WG4 was requested to study/continue studying the co-existence of the two TDD options in the unsynchronised case in adjacent bands, and to study to what extent requirements needed to be tightened. With respect to the co-existence of both FDD-TDD and between the TDD options in the unsynchronised case in the same band, the concern was mainly by the European operators, and for Europe ERM, an ETSI body, was looking at these issues. The operators were

requested to take this problem to ERM and liaise with WG4 if necessary. The need to have an Ad Hoc on this topic after the result in WG4 is known, would be left to the chairmen of WG1 and WG4. WG1 would need to wait for the outcome of the WG4 studies before finalising their work.

6.8.1 Low Chip Rate TDD Physical Layer

RP-000403 Cover sheet for TR 25.928 (TSG-RAN WG1)

RP-000404 TR 25.928 v1.1.0 (TSG-RAN WG1)
Antti Toskala (TSG-RAN WG1 Chairman) presented this TR.
Decision: The TR was noted.

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

RP-000413 Cover sheet for TR 25.834 (TSG-RAN WG2)

RP-000414 TR 25.834 v1.0.0 (TSG-RAN WG2)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this TR.
Decision: The TR was noted.

6.8.3 Low Chip Rate TDD UE radio access Capability

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

RP-000431 Cover sheet for TR 25.937 (TSG-RAN WG3)

RP-000432 TR 25.937 v0.1.0 (TSG-RAN WG3)
These documents were replaced by RP-000473 and RP-000474.

RP-000473 Cover sheet for TR 25.937 (TSG-RAN WG3)

RP-000474 TR 25.937 v0.1.1 (TSG-RAN WG3)
This TR was for information only.

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

RP-000490 TR 25.945 v0.3.0 (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this TR.
Decision: The TR was noted.

6.9 Others

RP-000468 Work Items for Release 00 (Release 4) (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this document.
Discussion: There were several WI sheets for small issues. In the fifth WI Omnitel needed to be added. (Performance requirement for demodulation of dedicated pilot ...).
Decision:

- The document was noted. There would be a general WI "RAN Technical Small Enhancements and Improvements" (word "small" inserted). The existing general WIs "RAN improvement feature" and "Radio interface improvement feature" would remain, and this one would be revised to make sure the three general WIs were in line. All CRs in future under this WI would need to be explictly presented and approved.
- The 2nd, 3rd, 5th and 6th WIs were very detailed and would be combined into one WI. It was decided that these were all covered by the general WI "RAN Technical Small Enhancements and Improvements" and they were therefore withdrawn.
- The 4th WI was a feasibility study. For this WI, the report would be at TSG-RAN #12 (to be changed to the correct line, now an editorial error). It was a study item for Radio interface improvement feature. A formal call for essential IPRs was made. No essential IPRs were declared. With this change the WI was approved and the WI sheet endorsed.

RP-000442 Proposed WI "DSCH power control improvement in SHO" (TSG-RAN WG1)
Antti Toskala (TSG-RAN WG1 Chairman) presented this document.
Discussion: A formal call for essential IPRs was made. No essential IPRs were declared. The end dates should be TSG-RAN #11. The TS 25.101, TS 25.104, TS 25.141 and TS 34.121 needed to be added, as well as the TR 25.841. The supporting companies were Nokia, Nortel, Samsung and Lucent Technologies.
Decision: The WI was approved and with the above changes the WI sheet was endorsed.

RP-000446 Proposed WI "Migration to Modification procedure" (Japan Telecom)
Hiroshi Komatsu (Japan Telecom) presented this document.
Discussion: The CN should be "yes". The time scale should be TSG-RAN #11 for everything, with endorsement of report at TSG-RAN #10, subject to confirmation by TSG-RAN WG3.
Decision: A formal call for essential IPRs was made. No essential IPRs were declared. The WI was approved and with the above changes the WI sheet was endorsed.

RP-000448 Proposed WI "UMTS 1800" (Motorola)
Howard Benn (Motorola) presented this document.
Discussion:
- The dates all needed to be moved to TSG-RAN #11, subject to review in WG4.
- The WI should be generic, not just for Australia (it should be left to the regulators to decide whether use of a certain technology in a certain band was allowed, or not).
- Because of the DCS 1800 existing in Europe, the co-existence work needed to be mentioned explicitly.
- There were some concerns on the compatibility with the long-term ITU frequency plan. There was a proposal to approve it as a feasibility study before approving this as a Work Item. Another proposal was to approve the WI as is, with an additional sentence to take away concerns, if necessary. No change was needed.
- There would be some impact on TSG-RAN WG2 and TSG-RAN WG3 (UE Capabilities), to be worked out (not necessary to be mentioned in this WI sheet, separate WI to be provided for next TSG-RAN).
- It had been found out that the same work needed to be carried out for 1900, as that was not yet completed for Release '99.
- Relevant information from the Australian regulator could be found at http://www.aca.gov.au.

Decision: A formal call for essential IPRs was made. No essential IPRs were declared. The WI was approved and with the changes to the WI sheet was endorsed. TSG-T would be informed through TSG-SA.

6.10 Overall RAN work plan

RP-000481 Project Plan (MCC)
Alain Sultan (MCC) presented this document.
Discussion: There was no work in TSG-RAN on EMMI, on wideband AMR or on CBC-RNC protocol.
Decision: The document was noted. Hans van der Veen (Secretary) would provide the output of this TSG-RAN meeting to Alain Sultan.

7 Technical co-ordination among WGs

RP-000510 Guidance to RAN2 and RAN3 on handling of common Element (TSG-RAN Vice-Chairman)
Francois Courau (TSG-RAN Vice-Chairman) presented this document.
Discussion: This proposal was intended to avoid problems in the future. For current specifications, for instance naming could be changed (no impact on implementations, but it would improve readability).
Decision: The document was approved as guidance to WG2 and WG3 for Release 2000 and future releases. With respect to the existing specifications (Release '99), the first goal was to tackle the naming issue, and other things if possible. It was not a requirement for Release '99, but it could be done in a contribution-driven way by companies interested in solving the issue.

RP-000508 Definition of the 'deep freezing' concept (Ericsson)
Per Beming (Ericsson) presented this document.
Discussion: The idea behind 'deep freezing' was to make sure that possible lack of backward compatibility in correcting errors was clearly made visible. There might be different ways to solve this, this was one of them. It was pointed out that this might be interpreted as a relaxation of the current 'freezing' principle, since it was already required that only essential corrections were acceptable.
Decision: The document was noted. The concept was decided not to be necessary. However, it was decided that there should be far more emphasis on providing the correct category for a CR and an analysis of backward compatibility and more generally on filling correctly the CR front sheet with a real effort on the information provided in the 'Consequences if not approved' part.

RP-000513 Draft ToR TSG-RAN WG1 (TSG-RAN WG1 Chairman)
Antti Toskala (TSG-RAN WG1 Chairman) presented this document.
Discussion: The last bullet point should read "Specification of provision of measurements by physical layer to the upper layers". The first bullet should be split into two bullets and change "mapping" to "specification of the mapping" and "to physical channels" to "onto physical channels".
Decision: With these changes, the ToR was approved. The final version would be in RP-000518.

RP-000518 Approved ToR TSG-RAN WG1 (TSG-RAN WG1 Chairman, TSG-RAN Secretary)
Decision: The ToR was approved.

RP-000516 Draft ToR TSG-RAN WG2 (TSG-RAN WG2 Chairman)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this document.
Discussion: The last bullet in the draft (no Tdoc number) was deleted.
Decision: With these changes, the ToR was approved. The final version was in this Tdoc.

RP-000517 Draft ToR TSG-RAN WG3 (TSG-RAN WG3 Chairman)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this document.
Discussion: This was the same as in the last meeting (RP-000290).
Decision: The ToR was approved.

RP-000466 (R4-000720, to TSG-RAN) LS on RAN4 Terms of Reference (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this document, containing the ToR.
Discussion: The first bullet should read "Radio specification for the Base Station and Terminal". The one-but-last bullet should read "Radio Resource Management requirement specifications". The fourth bullet point should be split into "Radio Link requirement specification" and "System performance requirement specifications". The first sentence "RAN WG4 is responsible for" should be "Within the scope of TSG-RAN, WG4 is responsible for".
Decision: With these changes, the ToR was approved. The final version would be in RP-000519.

RP-000519 Approved ToR TSG-RAN WG4 (TSG-RAN WG4 Chairman, TSG-RAN Secretary)
Decision: The ToR was approved.

8 Output to other groups

RP-000445 Proposed LS (to ITU-T) on Interpretation of Link characteristics parameter (TSG-RAN WG3)
Francois Courau (Vice-Chairman) presented this LS.
Discussion: There was not yet a possibility to liaise directly with ITU-T, although discussions between the SDOs and ITU-T were going on. The LS could not be sent with source TSG-RAN and would have to be sent by an ITU member company. A footnote could be added to show that the 'real' source was TSG-RAN.
Decision: The LS was endorsed. Ericsson would revise the LS. Ericsson would send it to ITU-T, with properly modified source and added footnote.

RP-000501 Draft LS (to ITU-T) on Interpretation of Link characteristics parameter (Ericsson)
Per Beming (Ericsson) presented this LS.
Decision: The LS was endorsed. Instead of Ericsson, Japan Telecom would present it to ITU-T.

RP-000465 Proposed response to LS (ITU-R WP 8F) on Updating Recommendation ITU-R M.1457 (ITU-R Ad Hoc contact person)
Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this LS.
Discussion: There was a need for a response on what was "routine" and what not.
Decision: The LS was approved. It should be made clear that the list in the annex would need to be revised. The revised version, with comments included was in RP-000503.

RP-000503 Response (to ITU-R WP 8F) to LS on Updating recommendations ITU R M. 1457 (ITU Ad Hoc contact person)
Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this LS.
Discussion: The second paragraph was slightly reworded and some text was added to clarify the content of Annex 1 further. It was noted by Qualcomm's representative that the content of the LS is not completely aligned with Qualcomm's views. For the future meeting dates (Annex 2), the March 2001 meeting would definitely be in the USA.

Decision: With these changes, the LS was approved. The final version was in RP-000515.A check of the expected termination date and some other changes to the WI sheets would be done offline between Nicola Pio Magnani (ITU-R Ad Hoc contact person) and Hans van der Veen (Secretary).

RP-000515 Response (to ITU-R WP 8F) to LS on Updating recommendations ITU R M. 1457 (ITU Ad Hoc contact person)

This was the revision of RP-000503.
Decision: The LS was approved. [SECRETARY's NOTE: This document would also be sent to PCG for information].

RP-000467 (R4-000721, to TSG-RAN) Proposed response to LS (ITU-R WP 8F) on Unwanted emissions (TSG-RAN WG4)

Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this LS.
Decision: The LS was approved.

RP-000477 (R4-000707, to TSG-RAN) Proposed response to LS (ITU-R WP 8F) on Handling of measurement uncertainties (TSG-RAN WG4)

Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this LS.
Discussion: Instead of this document, it was proposed to use the attachment RP-000476.
Decision: The LS was approved. It was clarified that this document is fully aligned with RP-000476, therefore, it was decided to keep the original attachment. The revised version, with some editorial corrections was provided in RP-000502.

RP-000502 Response (to ITU-R WP 8F) to LS on Handling of the measurement uncertainties (ITU Ad Hoc contact person)

Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this LS.
Decision: The LS was approved. [SECRETARY's NOTE: This document would also be sent to TSG-T and TSG-T1/RF for information].

RP-000494 Draft response to LS (T2-000577) on Usage of message type (MCC)

Carolyn Taylor (TSG-RAN WG3 Secretary) presented this LS.
Decision: The LS was approved.

RP-000504 Final revised overviews of the FDD and the FTT components (ITU Ad Hoc contact person)

Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this report.
Discussion: There was a need to add 12 bits in both FDD and TDD in 5.1.1.3.1 and 5.3.1.3.1 respectively (length of the CRC).
Decision: With these changes, the document was approved. A revision would be provided in RP-000514.

RP-000514 Final revised overviews of the FDD and the FTT components (ITU Ad Hoc contact person)

This was the approved version of RP-000504.
Decision: The LS was approved. [SECRETARY's NOTE: This document would also be sent to PCG for information].

RP-000505 Letter (to OP) on the year 2000 update of Recommendation ITU R M-1457 (ITU Ad Hoc contact person)

Nicola Pio Magnani (ITU-R Ad Hoc contact person) presented this report.

Decision: The letter was approved. [SECRETARY's NOTE: This document would also be sent to PCG and TSG-T for information].

9 Project management

RP-000512 Proposed LS on CR categories for frozen releases (TSG-CN)
Nobody from Nokia was available to present this document. The document was for information.
Decision: The document was noted.

10 Any Other Business

There were no inputs to this agenda item.

11 Closing of meeting

Yukitsuna Furuya (Chairman) thanked the delegates for their co-operation and attention during the long meeting. He also thanked the host for the facilities.

For future meetings, see Annex D.

Annex A: List of delegates

Name	e-mail	Represented Organisation	Status	Country
1. Mr. Andrew Allen	caa019@email.mot.com	Motorola Inc.	3GPPMEMBER - T1	US
2. Mr. Niels Peter Skov Andersen	npa001@email.mot.com	MOTOROLA A/S	3GPPMEMBER - ETSI	DK
3. Mr. Yasuhiro Aso	y.aso@fujitsu.co.uk	FUJITSU Europe Telecom R & D C	3GPPMEMBER - ETSI	GB
4. Mr. Stefan Bahrenburg	stefan.bahrenburg@pck1.siemens.com.cn	ETSI	3GPPORG_REP - ETSI	FR
5. Mr. Byron Bakaimis	byronbak@aol.com	SAMSUNG Electronics	3GPPMEMBER - ETSI	GB
6. Mr. Robert Beeson	RBEESON@LUCENT.COM	Lucent Technologies N. S. UK	3GPPMEMBER - ETSI	GB
7. Mr. Per Beming	per.beming@era.ericsson.se	ERICSSON L.M.	3GPPMEMBER - ETSI	SE
8. Dr. Howard Benn	howard.benn@motorola.com	MOTOROLA Ltd	3GPPMEMBER - ETSI	GB
9. Ms. Sarah Boumendil	boumendi@nortelnetworks.com	NORTEL NETWORKS (EUROPE)	3GPPMEMBER - ETSI	GB
10. Mr. Richard Brook	richardbrook39@aol.com	SAMSUNG Electronics	3GPPMEMBER - ETSI	GB
11. Mr. Raul Bruzzone	raul.bruzzone@philips.com	PHILIPS Consumer Communication	3GPPMEMBER - ETSI	FR
12. Mr. Silvano Candeo	silvano.candeo@istsupcti.it	MINISTERO DELLE COMUNICAZIONI	3GPPMEMBER - ETSI	IT
13. Mr. Quentin Cassen	quent.cassen@conexant.com	Conexant Systems, Inc.	3GPPMEMBER - T1	US
14. Dr. Jonathan Prince Castro	jonathan.castro@orange.ch	ORANGE PCS LTD	3GPPMEMBER - ETSI	GB
15. Mr. Maurice Chan	maurice_chan@hksmartone.com	BT	3GPPMEMBER - ETSI	GB
16. Mr. Dong Chen	dong.chen@pek1.siemens.com.cn	SIEMENS AG	3GPPMEMBER - ETSI	DE
17. Mr. Sungho Choi	shchoi1@telecom.samsung.co.kr	Samsung Electronics Co., Ltd	3GPPMEMBER - TTA	KR
18. Mr. Bohyun Chung	chungbh@kt.co.kr	KOREA TELECOM CORP.	3GPPMEMBER - TTA	KR
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21. Mr. Luca D'Antonio	ldantonio@mail.tim.it	TELECOM ITALIA S.p.A.	3GPPMEMBER - ETSI	IT
22. Mr. Renato D'Avella	renato.davella@icn.siemens.it	Siemens ICN S.p.A.	3GPPMEMBER - ETSI	IT
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Annex B: List of documents

Doc.No.	Title	Source	Ag.It.	Comments
RP-000329	Proposed agenda	Chairman	2	RP-000482
RP-000330	Draft Report of the 8th TSG-RAN meeting (Düsseldorf, Germany, 21-23 June 2000)	Secretary	3	
RP-000331	Revised draft Report of the 8th TSG-RAN meeting (Düsseldorf, Germany, 21-23 June 2000)	Secretary	3	
RP-000332	Approved Report of the 8th TSG-RAN meeting (Düsseldorf, 21-23 June 2000)	Secretary	3	
RP-000333	(R4-000471, copy TSG-RAN) Response to LS (R1) on low chip rate TDD interference/deployment scenarios	TSG-RAN WG4	4.3	
RP-000334	(S1-000563, to TSG-RAN) LS on Status of IMEI coding	TSG-SA WG1	4.1	
RP-000335	(S1-000651, to TSG-RAN) LS on Re-establish Capability for Emergency call	TSG-SA WG1	4.1	
RP-000336	Draft report from OP#3	OP Secretary	4.2	
RP-000337	Draft report from PCG#3	PCG Secretary	4.2	
RP-000338	Updated RAN ToR	OP	4.2	
RP-000339	Report from WG1 chairman to TSG-RAN	TSG-RAN WG1 Chairman	5.1.1	
RP-000340	CRs to TS 25.211	TSG-RAN WG1	5.1.3	
RP-000341	CRs to TS 25.212	TSG-RAN WG1	5.1.3	
RP-000342	CRs to TS 25.214	TSG-RAN WG1	5.1.3	
RP-000343	CRs to TS 25.215	TSG-RAN WG1	5.1.3	
RP-000344	CRs to TS 25.221	TSG-RAN WG1	5.1.3	
RP-000345	CRs to TS 25.222	TSG-RAN WG1	5.1.3	
RP-000346	CRs to TS 25.223	TSG-RAN WG1	5.1.3	
RP-000347	CRs to TS 25.224	TSG-RAN WG1	5.1.3	
RP-000348	CRs to TS 25.225	TSG-RAN WG1	5.1.3	
RP-000349	CRs to TR 25.944	TSG-RAN WG1	5.1.3	
RP-000350	Report from WG2 chairman to TSG-RAN	TSG-RAN WG2 Chairman	5.2.1	
RP-000351	Supplement (List of agreed CRs) to Report from WG2 chairman to TSG-RAN	TSG-RAN WG2 Chairman	5.2.1	
RP-000352	CRs to TS 25.301	TSG-RAN WG2	5.2.3	
RP-000353	CRs to TS 25.302	TSG-RAN WG2	5.2.3	
RP-000354	CRs to TS 25.303	TSG-RAN WG2	5.2.3	
RP-000355	CRs to TS 25.304	TSG-RAN WG2	5.2.3	
RP-000356	CRs to TS 25.305	TSG-RAN WG2	5.2.3	
RP-000357	CRs to TS 25.321	TSG-RAN WG2	5.2.3	
RP-000358	CRs to TS 25.322	TSG-RAN WG2	5.2.3	
RP-000359	CRs to TS 25.323	TSG-RAN WG2	5.2.3	
RP-000360	CRs to TS 25.324	TSG-RAN WG2	5.2.3	
RP-000361	CRs to TS 25.331 (1)	TSG-RAN WG2	5.2.3	
RP-000362	CRs to TS 25.331 (2)	TSG-RAN WG2	5.2.3	
RP-000363	CRs to TS 25.331 (3)	TSG-RAN WG2	5.2.3	
RP-000364	CRs to TS 25.331 (4)	TSG-RAN WG2	5.2.3	
RP-000365	CRs to TS 25.331 (5)	TSG-RAN WG2	5.2.3	
RP-000366	CRs to TR 25.922	TSG-RAN WG2	5.2.3	
RP-000367	CRs to TR 25.925	TSG-RAN WG2	5.2.3	
RP-000368	CRs to TR 25.926	TSG-RAN WG2	5.2.3	
RP-000369	Report from WG3 chairman to TSG-RAN	TSG-RAN WG3 Chairman	5.3.1	
RP-000370	CRs to TS 25.401	TSG-RAN WG3	5.3.3	

Doc.No.	Title	Source	Ag.It.	Comments
RP-000371	CRs to TS 25.402	TSG-RAN WG3	5.3.3	
RP-000372	CRs to TS 25.412	TSG-RAN WG3	5.3.3	
RP-000373	CRs to TS 25.413 (1)	TSG-RAN WG3	5.3.3	
RP-000374	CRs to TS 25.413 (2)	TSG-RAN WG3	5.3.3	
RP-000375	CRs to TS 25.414	TSG-RAN WG3	5.3.3	
RP-000376	CRs to TS 25.415	TSG-RAN WG3	5.3.3	
RP-000377	CRs to TS 25.419	TSG-RAN WG3	5.3.3	
RP-000378	CRs to TS 25.420	TSG-RAN WG3	5.3.3	
RP-000379	CRs to TS 25.423 (1)	TSG-RAN WG3	5.3.3	
RP-000380	CRs to TS 25.423 (2)	TSG-RAN WG3	5.3.3	
RP-000381	CRs to TS 25.423 (3)	TSG-RAN WG3	5.3.3	
RP-000382	CRs to TS 25.424	TSG-RAN WG3	5.3.3	
RP-000383	CRs to TS 25.426	TSG-RAN WG3	5.3.3	
RP-000384	CRs to TS 25.427	TSG-RAN WG3	5.3.3	
RP-000385	CRs to TS 25.430	TSG-RAN WG3	5.3.3	
RP-000386	CRs to TS 25.433 (1)	TSG-RAN WG3	5.3.3	
RP-000387	CRs to TS 25.433 (2)	TSG-RAN WG3	5.3.3	
RP-000388	CRs to TS 25.433 (3)	TSG-RAN WG3	5.3.3	
RP-000389	CRs to TS 25.433 (4)	TSG-RAN WG3	5.3.3	
RP-000390	CRs to TS 25.434	TSG-RAN WG3	5.3.3	
RP-000391	CRs to TS 25.435	TSG-RAN WG3	5.3.3	
RP-000392	CRs to TR 25.931	TSG-RAN WG3	5.3.3	
RP-000393	Report from WG4 chairman to TSG-RAN	TSG-RAN WG4 Chairman	5.4.1	
RP-000394	CRs to TS 25.101	TSG-RAN WG4	5.4.3	
RP-000395	CRs to TS 25.102	TSG-RAN WG4	5.4.3	
RP-000396	CRs to TS 25.104	TSG-RAN WG4	5.4.3	
RP-000397	CRs to TS 25.105	TSG-RAN WG4	5.4.3	
RP-000398	CRs to TS 25.113	TSG-RAN WG4	5.4.3	
RP-000399	CRs to TS 25.123	TSG-RAN WG4	5.4.3	
RP-000400	CRs to TS 25.133	TSG-RAN WG4	5.4.3	RP-000479
RP-000401	CRs to TS 25.141	TSG-RAN WG4	5.4.3	RP-000470
RP-000402	CRs to TS 25.142	TSG-RAN WG4	5.4.3	
RP-000403	Cover sheet for TR 25.928	TSG-RAN WG1	6	
RP-000404	TR 25.928 v1.1.0	TSG-RAN WG1	6	
RP-000405	Cover sheet for TR 25.836	TSG-RAN WG1	6	
RP-000406	TR 25.836 v1.0.0	TSG-RAN WG1	6	
RP-000407	Cover sheet for TR 25.840	TSG-RAN WG1	6	
RP-000408	TR 25.840 v1.0.0	TSG-RAN WG1	6	
RP-000409	Cover sheet for TR 25.841	TSG-RAN WG1	6	
RP-000410	TR 25.841 v1.0.0	TSG-RAN WG1	6	
RP-000411	Cover sheet for TR 25.842	TSG-RAN WG1	6	
RP-000412	TR 25.842 v1.0.0	TSG-RAN WG1	6	
RP-000413	Cover sheet for TR 25.834	TSG-RAN WG2	6	
RP-000414	TR 25.834 v1.0.0	TSG-RAN WG2	6	
RP-000415	Cover sheet for TR 25.835	TSG-RAN WG2	6	
RP-000416	TR 25.835 v1.0.0	TSG-RAN WG2	6	
RP-000417	Cover sheet for TR 25.837	TSG-RAN WG3	6	
RP-000418	TR 25.837 v0.1.0	TSG-RAN WG3	6	
RP-000419	Cover sheet for TR 25.838	TSG-RAN WG3	6	
RP-000420	TR 25.838 v0.1.0	TSG-RAN WG3	6	
RP-000421	Cover sheet for TR 25.839	TSG-RAN WG3	6	

Doc.No.	Title	Source	Ag.It.	Comments
RP-000422	TR 25.839 v0.1.0	TSG-RAN WG3	6	
RP-000423	Cover sheet for TR 25.932	TSG-RAN WG3	5.3.3	
RP-000424	TR 25.932 v1.1.0	TSG-RAN WG3	5.3.3	
RP-000425	Cover sheet for TR 25.933	TSG-RAN WG3	6	
RP-000426	TR 25.933 v0.2.0	TSG-RAN WG3	6	
RP-000427	Cover sheet for TR 25.934	TSG-RAN WG3	6	
RP-000428	TR 25.934 v0.2.0	TSG-RAN WG3	6	
RP-000429	Cover sheet for TR 25.935	TSG-RAN WG3	6	
RP-000430	TR 25.935 v0.1.0	TSG-RAN WG3	6	
RP-000431	Cover sheet for TR 25.937	TSG-RAN WG3	6	RP-000473
RP-000432	TR 25.937 v0.1.0	TSG-RAN WG3	6	RP-000474
RP-000433	Cover sheet for TR 25.938	TSG-RAN WG3	6	
RP-000434	TR 25.938 v0.1.0	TSG-RAN WG3	6	
RP-000435	Cover sheet for TR 25.946	TSG-RAN WG3	6	
RP-000436	TR 25.946 v0.1.0	TSG-RAN WG3	6	
RP-000437	(AHR00-0028) Draft Principles of 3GPP Work Planning - Release Mechanisms	TSG-SA R00 Planning Ad Hoc	6	
RP-000438	(AHR00-0029) Framework for planned content of next Release	TSG-SA R00 Planning Ad Hoc	6	
RP-000439	(AHR00-0031) 3GPP Work Planning for IM SubSystem	TSG-SA R00 Planning Ad Hoc	6	
RP-000440	Work Item sheets - latest situation	Secretary	6	
RP-000441	Study Item sheets - latest situation	Secretary	6	
RP-000442	Proposed WI "DSCH power control improvement in SHO"	TSG-RAN WG1	6	
RP-000443	Cover sheet for TS 25.106	TSG-RAN WG4	6	
RP-000444	TS 25.106 v1.0.0	TSG-RAN WG4	6	
RP-000445	Proposed LS (to ITU-T) on Interpretation of Link characteristics parameter	TSG-RAN WG3	5.3.2, 8	
RP-000446	Proposed WI "Migration to Modification procedure"	Japan Telecom	6	
RP-000447	Typical radio parameter sets version 1.3	GSM-ISG	4.2	
RP-000448	Proposed WI "UMTS 1800"	Motorola	6	
RP-000449	Work Item and Study Item Status reports TSG-RAN WG2	TSG-RAN WG2	6	
RP-000450	Proposed changes to WI "RAB Quality of Service Negotiation over Iu"	Motorola	6	
RP-000451	Cover sheet for TR 25.936	TSG-RAN WG3	6	
RP-000452	TR 25.936 v0.1.0	TSG-RAN WG3	6	RP-000478
RP-000453	Cover sheet for TR 30.531	TSG-RAN WG3	5.3.3	RP-000471
RP-000454	TR 30.531 v0.8.1	TSG-RAN WG3	5.3.3	RP-000472
RP-000455	Cover sheet for TR 25.951	TSG-RAN WG4	6	
RP-000456	TR 25.951 v0.0.1	TSG-RAN WG4	6	
RP-000457	Cover sheet for TR 25.952	TSG-RAN WG4	6	
RP-000458	TR 25.952 v0.0.1	TSG-RAN WG4	6	
RP-000459	Status Report	ITU-R Ad Hoc contact person	5.5	
RP-000460	LS (ITU-R WP 8F) on Updating of recommendation ITU-R M.1457	ITU-R Ad Hoc contact person	5.5, 4.2	
RP-000461	Proposed Final revised Overviews of the FDD and TDD components	ITU-R Ad Hoc contact person	5.5	RP-000504
RP-000462	Proposed text on conformance specs for section 5.1.2 and 5.3.2 of IMT.RSP	ITU-R Ad Hoc	5.5	
RP-000463	Proposed baseline document for the revision of sections 5.1.2 and 5.3.2 of ITU-R M.1457	ITU-R Ad Hoc contact person	5.5	
RP-000464	Proposed letter (to Organizational Partners) on The year 2000 update of Rec ITU-R M.1457	ITU-R Ad Hoc contact person	5.5, 8	RP-000505

Doc.No.	Title	Source	Ag.It.	Comments
RP-000465	Proposed response to LS (ITU-R WP 8F) on Updating Recommendation ITU-R M.1457	ITU-R Ad Hoc contact person	5.5, 8	RP-000503
RP-000466	(R4-000720, to TSG-RAN) LS on RAN4 Terms of Reference	TSG-RAN WG4	4.3	RP-000519
RP-000467	(R4-000721, to TSG-RAN) Proposed response to LS (ITU-R WP 8F) on Unwanted emissions	TSG-RAN WG4	5.5, 8	
RP-000468	Work Items for Release 00 (Release 4)	TSG-RAN WG4	6	
RP-000469	3GPP Work Plan - for the IP Multi-media Subsystem	BT, Lucent, Nortel	6	
RP-000470	CRs to TS 25.141	TSG-RAN WG4	5.4.3	
RP-000471	Cover sheet for TR 30.531	TSG-RAN WG3	5.3.3	
RP-000472	TR 30.531 v0.8.2	TSG-RAN WG3	5.3.3	
RP-000473	Cover sheet for TR 25.937	TSG-RAN WG3	6	
RP-000474	TR 25.937 v0.1.1	TSG-RAN WG3	6	
RP-000475	(T2-000577, to TSG-RAN) LS on RAN WG3 LS to TSG T2 (Usage of Message type in TS 25.419 (SABP)	TSG-T WG2	4.1	
RP-000476	ARIB's comment on the ITU document 8F/TEMP/33-E	ARIB	5.5, 4.2	
RP-000477	(R4-000707, to TSG-RAN) Proposed response to LS (ITU-R WP 8F) on Handling of measurement uncertainties	TSG-RAN WG4	5.5, 4.2	
RP-000478	TR 25.936 v0.1.0	TSG-RAN WG3	6	
RP-000479	CRs to TS 25.133	TSG-RAN WG4	5.4.3	
RP-000480	CR 042 and CR 043 to 25.133	TSG-RAN WG4	5.4.3	RP-000497
RP-000481	Project plan	MCC	6	
RP-000482	Revised proposed agenda	Chairman	2	
RP-000483	Cover sheet for TS 25.143	TSG-RAN WG4	6	
RP-000484	TS 25.143 v0.0.2	TSG-RAN WG4	6	
RP-000485	On the 3.84 Mcps TDD and 1.28 Mcps TDD coexistence study	BT, France Telecom, Mannesmann, NTT DoCoMo, Omnitel, Sonera, Telefonica,Telenor, Telia, Vodafone group	6	
RP-000486	3GPP specifications status list prior to TSGs CN, RAN and T #9	MCC	6	
RP-000487	On Calls for IPRs	Chairman	4.2	
RP-000488	LS (ITU-R) on Handling of measurement uncertainty for the terrestral component of IMT-2000	ITU Ad Hoc Contact Person	5.5,4.2	
RP-000489	LS (ITU-R) on Unwanted emissions	ITU Ad Hoc Contact Person	5.5,4.2	
RP-000490	TR 25.945 v0.3.0	TSG-RAN WG4	6	
RP-000491	Status Report of TrFO Workshop to TSG#09	TrFO Workshop Convenor	6	
RP-000492	TrFO Workshop #03 Meeting Report	TrFO Workshop	6	
RP-000493	TrFO Workshop #02 Revised Meeting Report	MCC	6	
RP-000494	Draft response to LS (T2-000577) on Usage of message type	MCC	8	
RP-000495	Clarification of deployment scenarios to be considered by RAN regarding the two TDD options	CWTS	6	
RP-000496	TR 25.942 v2.3.0	TSG-RAN WG4	5.4.3	
RP-000497	Revised CR 042 and CR 043 to 25.133	TSG-RAN WG4	5.4.3	
RP-000498	Proposed WI "RAB QoS NEGOTIATION/RENEGOCIATION over Iu" - Building block	Motorola	6	
RP-000499	Proposed WI "RAB QoS NEGOTIATION over Iu" - Work Task	Motorola	6	
RP-000500	Proposed WI "RAB QoS RENEGOTIATION over Iu" - Work Task	Motorola	6	
RP-000501	Draft LS (to ITU-T) on Interpretation of Link characteristics parameter	Ericsson	8	
RP-000502	Response (to ITUR WP 8F) to LS on the handling of the measurement uncertainties	ITU Ad Hoc contact person	8	
RP-000503	Response (to ITU-R WP8F) to LS on updating recommendations	ITU Ad Hoc contact	8	RP-000515

Doc.No.	Title	Source	Ag.It.	Comments
	ITU R M. 1457	person		
RP-000504	Final revised overviews of the FDD and the TDD components	ITU Ad Hoc contact person	8	RP-000514
RP-000505	Letter (to OP) on the year 2000 update of Recommendation ITU R M-1457	ITU Ad Hoc contact person	8	
RP-000506	LS on Location Services Functionality in 3GPP Specifications	GSM North America	4.2	
RP-000507	Proposed WI sheet "TrFO"	TrFO Convenor	6	
RP-000508	Definition of the 'deep freezing' concept	Ericsson	7	
RP-000509	New WI sheets related to UE Positioning	Nortel Networks	6,6	
RP-000510	Guidance to RAN2 and RAN3 on handling of common Element	TSG-RAN Vice-Chairman	7	
RP-000511	Cover sheet for TR 25.142	TSG-RAN WG4	5.4.3	
RP-000512	LS (to TSG-RAN) on CR categories for frozen releases	TSG-CN	9	
RP-000513	Draft ToR TSG-RAN WG1	TSG-RAN WG1 Chairman	7	RP-000518
RP-000514	Final revised overviews of the FDD and the TTD components	TSG-RAN	8	
RP-000515	Response (to ITU-R WP8F) to LS on updating recommendations ITU R M. 1457	TSG-RAN	8	
RP-000516	Draft ToR TSG-RAN WG2	TSG-RAN WG2 Chairman	7	
RP-000517	Draft ToR TSG-RAN WG3	TSG-RAN WG3 Chairman	7	
RP-000518	Approved ToR TSG-RAN WG1	TSG-RAN WG1 Chairman, TSG-RAN Secretary	7	
RP-000519	Approved ToR TSG-RAN WG4	TSG-RAN WG4 Chairman, TSG-RAN Secretary	7	

Annex C: Status table of CRs

List of all CRs submitted to TSG-RAN #09 (September 2000)

(includes the results of WG1, WG2, WG3 and WG4)

This draft list of change requests was updated during the above mentioned meeting. Please report any problems to the relevant WG secretary. The full database (including CRs discussed at previous meetings) version (from which this document is generated) can be found on the 3GPP server (after the meeting) at the location:

http://www.3gpp.org/ftp/Information/Databases/Change_Request/

The table below is sorted in order of specification followed by CR number. Use the MS word command, TABLE / SORT if you wish to view the table in a different order (e.g. in tdoc order)

TSG Doc	TSG status	Spec	CR	rv	Rel	Cat	Subject	Old vers	New vers	WG	Remarks
RP-000394	approved	25.101	63		R99	F	Corrections to DL compressed mode tests in TS 25.101	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	64		R99	F	Combining of TPC commands in soft handover	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	65		R99	F	Clarifications for power steps in RACH/CPCH message	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	66		R99	F	Editorial corrections for TS 25.101	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	67		R99	F	Corrections to power control	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	68		R99	F	Corrections for compressed mode patterns	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	69		R99	F	Editorial modification for BTFD measurement channels	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	70		R99	F	Definition of period for frequency error	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	71		R99	F	Downlink power control, wind up effects	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	72		R99	F	Inclusion of OCNS definition for performance tests	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	73		R99	F	Removal of confidence levels	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	74		R99	F	Corrections to all tests with power control ON in TS 25.101	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	75		R99	F	Editorial modification to Annex A.5 of TS 25.101	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	76		R99	F	Tap magnitudes and phases for Birth-Death propagation	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	77		R99	F	UE emission mask measurement filter definition correction for	3.3.1	3.4.0	R4	
RP-000394	approved	25.101	78		R99	F	Handling of measurement uncertainties in UE radio	3.3.1	3.4.0	R4	
RP-000395	approved	25.102	32		R99	F	Performance requirements with TFCI decoding for TDD UE	3.3.0	3.4.0	R4	
RP-000395	approved	25.102	33		R99	F	Performance test for UE power control in downlink	3.3.0	3.4.0	R4	
RP-000395	approved	25.102	34		R99	F	Definition of period for frequency error	3.3.0	3.4.0	R4	
RP-000395	approved	25.102	35		R99	F	Handling of measurement uncertainties in UE radio	3.3.0	3.4.0	R4	
RP-000396	approved	25.104	49		R99	F	Correction to 25.104 ch. 6.6.3.6	3.3.0	3.4.0	R4	
RP-000396	approved	25.104	50		R99	F	Corrections to spectrum mask	3.3.0	3.4.0	R4	
RP-000396	approved	25.104	51		R99	F	Handling of measurement uncertainties in Base station	3.3.0	3.4.0	R4	
RP-000396	approved	25.104	52		R99	F	Tap magnitudes and phases for Birth-Death propagation	3.3.0	3.4.0	R4	
RP-000397	approved	25.105	39		R99	F	Maximum frequency deviation for receiver performance.	3.3.0	3.4.0	R4	
RP-000397	approved	25.105	40		R99	F	Corrections to spectrum mask	3.3.0	3.4.0	R4	
RP-000397	approved	25.105	41		R99	F	Handling of measurement uncertainties in base station radio	3.3.0	3.4.0	R4	
RP-000397	approved	25.105	42		R99	F	Performance requirements with TFCI decoding	3.3.0	3.4.0	R4	
RP-000397	approved	25.105	43		R99	F	Inner Loop Power Control	3.3.0	3.4.0	R4	
RP-000397	approved	25.105	44		R99	F	BS Transmit ON/OFF time mask for TDD-mode	3.3.0	3.4.0	R4	
RP-000397	approved	25.105	45		R99	F	Definition of period for frequency error	3.3.0	3.4.0	R4	
RP-000398	approved	25.113	3		R99	F	Alignment of EMC requirements.	3.2.0	3.3.0	R4	
RP-000399	approved	25.123	16		R99	F	Handling of measurement uncertainties in conformance testing	3.2.0	3.3.0	R4	
RP-000399	approved	25.123	17		R99	F	Basestation Physical Channel BER Measurement	3.2.0	3.3.0	R4	
RP-000399	approved	25.123	18		R99	F	Repetition Period of System Information	3.2.0	3.3.0	R4	
RP-000399	approved	25.123	19		R99	F	RRC connection mobility in cell_FACH, cell_PCH and	3.2.0	3.3.0	R4	
RP-000399	approved	25.123	20		R99	F	Basestation SIR Measurement	3.2.0	3.3.0	R4	
RP-000399	approved	25.123	21		R99	F	UE SIR Measurement Accuracy	3.2.0	3.3.0	R4	

TSG Doc	TSG status	Spec	CR	rv	Rel	Cat	Subject	Old vers	New vers	WG	Remarks
RP-000399	approved	25.123	22		R99	F	UE TS ISCP range/mapping correction	3.2.0	3.3.0	R4	
RP-000399	approved	25.123	23		R99	F	Alignment of TDD measurements for UE: SFN-CFN observed	3.2.0	3.3.0	R4	
RP-000399	approved	25.123	24		R99	F	UTRAN Transport Channel BLER	3.2.0	3.3.0	R4	
RP-000399	approved	25.123	25		R99	F	Accuracy requirements for Node-B synchronisation	3.2.0	3.3.0	R4	
RP-000399	approved	25.123	26		R99	F	Alignment of TDD measurements with FDD: GPS related	3.2.0	3.3.0	R4	
RP-000400	approved	25.133	36		R99	F	Corrections to definitions, symbols and abbreviations	3.2.0	3.3.0	R4	
RP-000400	approved	25.133	37		R99	F	Handling of measurement uncertainties in Base station	3.2.0	3.3.0	R4	
RP-000400	approved	25.133	38		R99	F	Proposal for section 4	3.2.0	3.3.0	R4	
RP-000400	approved	25.133	39		R99	F	Proposal for section 5	3.2.0	3.3.0	R4	
RP-000400	approved	25.133	40		R99	F	Proposal for section 8	3.2.0	3.3.0	R4	
RP-000400	approved	25.133	41		R99	F	Proposal for section 9	3.2.0	3.3.0	R4	
RP-000480	revised	25.133	42		R99	B	Revision of requirement and range of measurement for CPCH	3.2.0		R4	
RP-000400	revised	25.133	42		R99	B	Revision of requirement and range of measurement for CPCH	3.2.0		R4	
RP-000497	approved	25.133	42	1	R99	F	Revision of requirement and range of measurement for CPCH	3.2.0	3.3.0	R4	
RP-000400	revised	25.133	43		R99	B	Inclusion of UTRAN measurements in 25.133	3.2.0		R4	
RP-000480	revised	25.133	43		R99	B	Inclusion of UTRAN measurements in 25.133	3.2.0		R4	
RP-000497	approved	25.133	43	1	R99	F	Inclusion of UTRAN measurements in 25.133	3.2.0	3.3.0	R4	
RP-000400	approved	25.133	44		R99	F	Proposal for section 7 and A.7	3.2.0	3.3.0	R4	
RP-000400	approved	25.133	45		R99	F	Text proposal for section A.1, A.2 and A.3	3.2.0	3.3.0	R4	
RP-000400	approved	25.133	46		R99	F	Proposal for section 6	3.2.0	3.3.0	R4	
RP-000470	approved	25.141	38		R99	F	Corrections to spectrum mask	3.2.0	3.3.0	R4	
RP-000470	approved	25.141	39		R99	F	Editorial corrections for TS 25.141	3.2.0	3.3.0	R4	
RP-000470	approved	25.141	40		R99	F	Global In-Channel TX-Test for use as annex in 25.141	3.2.0	3.3.0	R4	
RP-000470	approved	25.141	41		R99	F	Reference measurement channels	3.2.0	3.3.0	R4	
RP-000470	approved	25.141	42		R99	F	Handling of measurement uncertainties in Base station	3.2.0	3.3.0	R4	
RP-000470	approved	25.141	43		R99	F	Clarifications of modulation accuracy and code domain error	3.2.0	3.3.0	R4	
RP-000470	approved	25.141	44		R99	F	Corrections to spectrum mask measurement method	3.2.0	3.3.0	R4	
RP-000470	approved	25.141	45		R99	F	Test model clarifications	3.2.0	3.3.0	R4	
RP-000470	approved	25.141	46		R99	F	Clarifications of modulation accuracy and code domain error	3.2.0	3.3.0	R4	
RP-000470	approved	25.141	47		R99	F	Clarification of applicability of environmental range spec in	3.2.0	3.3.0	R4	
RP-000470	approved	25.141	48		R99	D	Clarification of "confidence level of 95%" in section 4.1	3.2.0	3.3.0	R4	
RP-000470	approved	25.141	49		R99	F	Corrections to test models in TS 25.141	3.2.0	3.3.0	R4	
RP-000470	approved	25.141	50		R99	F	Tap magnitudes and phases for Birth-Death propagation	3.2.0	3.3.0	R4	
RP-000402	approved	25.142	28		R99	F	Handling of measurement uncertainties in Base station	3.2.1	3.3.0	R4	
RP-000402	approved	25.142	29		R99	F	Conformance test description for maximum output power	3.2.1	3.3.0	R4	
RP-000402	approved	25.142	30		R99	F	Conformance test description for minimum transmit power	3.2.1	3.3.0	R4	
RP-000402	approved	25.142	31		R99	F	Conformance test description for power control steps	3.2.1	3.3.0	R4	
RP-000402	approved	25.142	32		R99	F	Conformance test description for spectrum emission mask	3.2.1	3.3.0	R4	

TSG Doc	TSG status	Spec	CR	rv	Rel	Cat	Subject	Old vers	New vers	WG	Remarks
RP-000402	approved	25.142	33		R99	F	Corrections to spectrum mask	3.2.1	3.3.0	R4	
RP-000402	approved	25.142	34		R99	F	Conformance test description for modulation accuracy	3.2.1	3.3.0	R4	
RP-000402	approved	25.142	35		R99	F	Conformance test description for blocking characteristics	3.2.1	3.3.0	R4	
RP-000402	approved	25.142	36		R99	F	Conformance test description for performance requirements	3.2.1	3.3.0	R4	
RP-000402	approved	25.142	37		R99	F	Conformance test description for spectrum emission mask	3.2.1	3.3.0	R4	
RP-000340	approved	25.211	065	-	R99	F	Correction of reference	3.3.0	3.4.0	R1	
RP-000340	approved	25.211	066	4	R99	F	Clarification of paging indicator mapping	3.3.0	3.4.0	R1	
RP-000340	approved	25.211	068	-	R99	D	Editorial modification of the 25.211 about the CD/CA-ICH	3.3.0	3.4.0	R1	
RP-000340	approved	25.211	070	1	R99	F	Support of closed loop transmit diversity modes	3.3.0	3.4.0	R1	
RP-000340	approved	25.211	071	-	R99	F	DPCH initialisation procedure	3.3.0	3.4.0	R1	
RP-000340	approved	25.211	072	3	R99	F	Correction on indicators	3.3.0	3.4.0	R1	
RP-000340	approved	25.211	074	-	R99	F	Correction of STTD for DPCH	3.3.0	3.4.0	R1	
RP-000340	approved	25.211	075	-	R99	F	Clarification of first significant path	3.3.0	3.4.0	R1	
RP-000340	approved	25.211	076	-	R99	F	Clarification of SCH transmitted by TSTD	3.3.0	3.4.0	R1	
RP-000340	approved	25.211	077	1	R99	F	Clarification of FBI field	3.3.0	3.4.0	R1	
RP-000341	approved	25.212	079	-	R99	F	Clarification of compressed mode terminology	3.3.0	3.4.0	R1	
RP-000341	approved	25.212	085	1	R99	F	Editorial corrections in Turbo code internal interleaver section	3.3.0	3.4.0	R1	
RP-000341	approved	25.212	086	1	R99	F	Clarification on DL slot format for compressed mode by SF/2	3.3.0	3.4.0	R1	
RP-000341	approved	25.212	087	-	R99	F	Corrections	3.3.0	3.4.0	R1	
RP-000341	approved	25.212	088	1	R99	F	Clarifications to TS 25.212	3.3.0	3.4.0	R1	
RP-000341	approved	25.212	089	-	R99	F	Correction regarding DSCH	3.3.0	3.4.0	R1	
RP-000341	approved	25.212	090	-	R99	F	Correction regarding CPCH	3.3.0	3.4.0	R1	
RP-000341	approved	25.212	092	1	R99	F	Bit separation and collection for rate matching	3.3.0	3.4.0	R1	
RP-000341	approved	25.212	093	-	R99	F	Puncturing Limit definition in WG1 specification	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	110	4	R99	F	Downlink inner-loop power control in compressed mode	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	112	-	R99	F	Adding reference for power offset variation text in TS 25.214	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	113	-	R99	F	Combining TPC commands in soft handover	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	115	1	R99	F	Corrections to power control	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	116	-	R99	F	Corrections to 25.214	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	117	-	R99	F	Clarification to downlink power control	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	118	3	R99	F	Clarification of power control at maximum and minimum power	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	119	-	R99	F	Clarification of SSDT text	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	120	-	R99	F	Corrections to CL transmit diversity mode 1	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	121	1	R99	F	Clarification of SSDT ID code bit transmission order	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	122	1	R99	F	Clarification on RACH and CPCH subchannel definition	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	123	1	R99	F	DPCH initialisation procedure	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	124	-	R99	F	Clarification of closed loop mode TX diversity initialisation	3.3.0	3.4.0	R1	
RP-000342	approved	25.214	127	2	R99	F	Uplink power control in compressed mode	3.3.0	3.4.0	R1	

TSG Doc	TSG status	Spec	CR	rv	Rel	Cat	Subject	Old vers	New vers	WG	Remarks
RP-000342	approved	25.215	067	-	R99	F	Insertion of UTRAN SIRerror measurement in 25.215	3.3.0	3.4.0	R1	
RP-000343	approved	25.215	068	-	R99	F	Reporting of UTRAN Transmitted carrier power	3.3.0	3.4.0	R1	
RP-000343	approved	25.215	070	-	R99	F	Clarification of UTRAN SIR measurement	3.3.0	3.4.0	R1	
RP-000343	approved	25.215	071	-	R99	F	Clarification of first significant path	3.3.0	3.4.0	R1	
RP-000343	approved	25.215	072	-	R99	F	Clarification of radio link set as the measured object	3.3.0	3.4.0	R1	
RP-000344	approved	25.221	022	1	R99	F	Correction to midamble generation in UTRA TDD	3.3.0	3.4.0	R1	
RP-000344	approved	25.221	026	2	R99	F	Some corrections for TS25.221	3.3.0	3.4.0	R1	
RP-000344	approved	25.221	028	-	R99	F	Terminology regarding the beacon function	3.3.0	3.4.0	R1	
RP-000344	approved	25.221	030	1	R99	F	TDD Access Bursts for HOV	3.3.0	3.4.0	R1	
RP-000344	approved	25.221	031	1	R99	F	Number of codes signalling for the DL common midamble case	3.3.0	3.4.0	R1	
RP-000345	approved	25.222	040	1	R99	F	Update of TS 25.222	3.3.0	3.4.0	R1	
RP-000345	approved	25.222	041	1	R99	F	Editorial corrections in Turbo code internal interleaver section	3.3.0	3.4.0	R1	
RP-000345	approved	25.222	042	-	R99	F	Paging Indicator Terminology	3.3.0	3.4.0	R1	
RP-000345	approved	25.222	043	1	R99	F	Bit separation and collection for rate matching	3.3.0	3.4.0	R1	
RP-000345	approved	25.222	048	-	R99	F	Puncturing Limit definition in WG1 specification	3.3.0	3.4.0	R1	
RP-000346	approved	25.223	007	1	R99	F	Gain Factors for TDD Mode	3.3.0	3.4.0	R1	
RP-000346	approved	25.223	014	-	R99	F	Synchronisation codes	3.3.0	3.4.0	R1	
RP-000347	approved	25.224	019	1	R99	F	Gain Factors for TDD Mode	3.3.0	3.4.0	R1	
RP-000347	approved	25.224	025	-	R99	F	Terminology regarding the beacon function	3.3.0	3.4.0	R1	
RP-000347	approved	25.224	026	1	R99	F	Synchronisation of timing advance adjustment and timing	3.3.0	3.4.0	R1	
RP-000347	approved	25.224	027	1	R99	F	CCTrCH UL/DL pairing for DL inner loop power control	3.3.0	3.4.0	R1	
RP-000347	approved	25.224	028	1	R99	F	RACH timing in TDD mode	3.3.0	3.4.0	R1	
RP-000347	approved	25.224	030	1	R99	F	TDD Access Bursts for HOV	3.3.0	3.4.0	R1	
RP-000347	approved	25.224	032	-	R99	F	Removal of ODMA related abbreviations and correction of	3.3.0	3.4.0	R1	
RP-000347	approved	25.224	033	-	R99	F	Clarifications on the Out-of-sync handling for UTRA TDD	3.3.0	3.4.0	R1	
RP-000348	approved	25.225	012	1	R99	F	Alignment of TDD measurements with FDD: GPS related	3.3.0	3.4.0	R1	
RP-000348	approved	25.225	013	1	R99	F	Alignment of TDD measurements with FDD:SFN-CFN	3.3.0	3.4.0	R1	
RP-000348	approved	25.225	014	-	R99	F	Clarification of the Timeslot ISCP measurements	3.3.0	3.4.0	R1	
RP-000348	approved	25.225	015	-	R99	F	Terminology regarding the beacon function	3.3.0	3.4.0	R1	
RP-000348	approved	25.225	016	-	R99	F	Removal of Physical Channel BER	3.3.0	3.4.0	R1	
RP-000348	approved	25.225	017	-	R99	F	Update of TS25.225 due to recent change for FDD: Reporting	3.3.0	3.4.0	R1	
RP-000352	approved	25.301	041		R99	F	RLC modes for SHCCH	3.5.0	3.6.0	R2	
RP-000353	approved	25.302	065		R99	F	Filtering period in case of periodical reporting	3.5.0	3.6.0	R2	
RP-000353	approved	25.302	066		R99	F	UE simultaneous Physical and Transport channel	3.5.0	3.6.0	R2	
RP-000353	approved	25.302	067		R99	F	Inclusion of SIR ERROR measurement	3.5.0	3.6.0	R2	
RP-000353	approved	25.302	068	1	R99	F	Simultaneous reception of PCCPCH and SCCPCH	3.5.0	3.6.0	R2	
RP-000353	approved	25.302	070		R99	F	Removal of puncturing limit from the transport format definition	3.5.0	3.6.0	R2	
RP-000353	approved	25.302	071		R99	F	Clarification of the Timeslot ISCP Measurements	3.5.0	3.6.0	R2	

TSG Doc	TSG status	Spec	CR	rv	Rel	Cat	Subject	Old vers	New vers	WG	Remarks
RP-000354	approved	25.303	035	2	R99	F	SRNS relocation	3.4.0	3.5.0	R2	
RP-000354	approved	25.303	037		R99	F	Variable Rate Transmission	3.4.0	3.5.0	R2	
RP-000354	approved	25.304	035	2	R99	F	Paging channel selection	3.3.0	3.4.0	R2	
RP-000355	approved	25.304	037	1	R99	F	Editorial corrections	3.3.0	3.4.0	R2	
RP-000355	approved	25.304	039		R99	F	HCS measurement rules	3.3.0	3.4.0	R2	
RP-000355	approved	25.304	042	2	R99	F	Usage of Ec/N0 measurement quantity for cell ranking	3.3.0	3.4.0	R2	
RP-000355	approved	25.304	044		R99	F	Correction and restructuring	3.3.0	3.4.0	R2	
RP-000356	approved	25.305	020		R99	F	Alignment of FDD and TDD positioning methods and editorial	3.2.0	3.3.0	R2	
RP-000356	approved	25.305	021	3	R99	F	Assisted GPS Procedures	3.2.0	3.3.0	R2	
RP-000356	approved	25.305	022	2	R99	F	TDD/FDD alignment of OTDOA and GPS assisted positioning	3.2.0	3.3.0	R2	
RP-000356	approved	25.305	023		R99	F	Clean-up	3.2.0	3.3.0	R2	
RP-000356	approved	25.305	024		R99	F	Corrections from LCS Ad Hoc	3.2.0	3.3.0	R2	
RP-000357	approved	25.321	047		R99	F	Movement of primitives text to the correct section	3.4.0	3.5.0	R2	
RP-000357	approved	25.321	048		R99	F	Corrections to RACH procedure	3.4.0	3.5.0	R2	
RP-000357	approved	25.321	049		R99	F	Clarification on the parameters of the MAC-RLC primitives	3.4.0	3.5.0	R2	
RP-000357	approved	25.321	051	1	R99	F	Editorial Cleanup	3.4.0	3.5.0	R2	
RP-000358	approved	25.322	059	1	R99	F	State variables after window change	3.3.0	3.4.0	R2	
RP-000358	approved	25.322	060	4	R99	F	SDU discard	3.3.0	3.4.0	R2	
RP-000358	approved	25.322	061	5	R99	F	General RLC corrections	3.3.0	3.4.0	R2	
RP-000358	approved	25.322	066		R99	F	Editorial changes to RLC	3.3.0	3.4.0	R2	
RP-000358	approved	25.322	067	4	R99	F	Correction to RLC window size range	3.3.0	3.4.0	R2	
RP-000358	approved	25.322	068	2	R99	F	Window based polling	3.3.0	3.4.0	R2	
RP-000358	approved	25.322	070	2	R99	F	General corrections to RLC	3.3.0	3.4.0	R2	
RP-000358	approved	25.322	071		R99	F	State Transition in RLC Acknowledged Mode	3.3.0	3.4.0	R2	
RP-000358	approved	25.322	073		R99	F	Clarification of the Length Indicators	3.3.0	3.4.0	R2	
RP-000358	approved	25.322	076	1	R99	F	RLC corrections	3.3.0	3.4.0	R2	
RP-000358	approved	25.322	077	1	R99	F	Corrections to reset procedure and length indicator definitions	3.3.0	3.4.0	R2	
RP-000358	approved	25.322	078		R99	F	RLC Modes for SHCCH	3.3.0	3.4.0	R2	
RP-000358	approved	25.322	079		R99	F	CCCH in UM RLC	3.3.0	3.4.0	R2	
RP-000359	approved	25.323	009	3	R99	F	Clarification of PDCP Sequence Numbering	3.2.0	3.3.0	R2	
RP-000359	approved	25.323	011		R99	F	Clarification on how to handle invalid PDUs	3.2.0	3.3.0	R2	
RP-000359	approved	25.323	012	2	R99	F	Primitives required for SRNS relocation	3.2.0	3.3.0	R2	
RP-000359	approved	25.323	015		R99	F	Handling of invalid PDCP PDU sequence number	3.2.0	3.3.0	R2	
RP-000360	approved	25.324	005		R99	F	Corrections	3.1.0	3.2.0	R2	
RP-000361	approved	25.331	356	3	R99	F	Clarification on multiplicity of PCH and PICH and S-CCPCH	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	403	3	R99	F	Parameters to be stored in the USIM	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	413	3	R99	F	Optimisation of Inter-system handover message	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	416	2	R99	F	Timing Advance in Handover Procedures	3.3.0	3.4.0	R2	

TSG Doc	TSG status	Spec	CR	rv	Rel	Cat	Subject	Old vers	New vers	WG	Remarks
RP-000361	approved	25.331	417	2	R99	F	Synchronisation of Timing Advance and Timing Deviation	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	418		R99	F	Downlink Physical Channels Per Timeslot	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	419		R99	F	TDD Mode DCH Reception in Cell DCH State	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	420	2	R99	F	Downlink Power Control During DTX in TDD Mode	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	421	1	R99	F	Paging Indicator Length Definition	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	422		R99	F	Updating & alignment of RRC containers & handover to	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	424		R99	F	Default values for UE timers and counters	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	425	1	R99	F	Security mode control	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	426	1	R99	F	Corrections and Editorial updates to chapter 8	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	427		R99	F	Corrections and editorial updates to chapter 10	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	428		R99	F	Transition from CELL_DCH to CELL_PCH and URA_PCH	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	430		R99	F	Assisted GPS Messaging and Procedures	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	431	2	R99	F	Corrections to Activation Time use	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	432		R99	F	Editorial Corrections to measurement reporting range	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	434	4	R99	F	Default DPCH offset value and DPCH offset	3.3.0	3.4.0	R2	
RP-000361	approved	25.331	435	3	R99	F	RLC info	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	437		R99	F	Clarification of the description of IE semantics in "RB with	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	438	1	R99	F	Editorial corrections on security	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	439		R99	F	Editorial correction to RB mapping info	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	440	1	R99	F	Compressed mode configuration failure	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	441		R99	F	Gain factors for TDD	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	442		R99	F	Introduction of Default DPCH Offset Value in TDD	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	444	1	R99	F	Optimisation of handover to UTRAN command	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	445		R99	F	Editorial corrections	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	448	1	R99	F	Mapping of channelisation code	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	449	2	R99	F	DL TFCS Limitation	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	450		R99	F	SIB offset	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	451		R99	F	RRC CONNECTION RELEASE cause	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	452		R99	F	Addition of RACH TFCS	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	453	2	R99	F	Cell Identity	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	454		R99	F	Editorial Modifications	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	455	1	R99	F	TDD PRACH Power Control for Spreading Factor 8/16	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	456		R99	F	TDD CCTrCH Repetition Length Definition	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	457	1	R99	F	Reporting threshold of traffic volume measurements	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	459	2	R99	F	LCS GPS assistance data for SIB	3.3.0	3.4.0	R2	
RP-000362	approved	25.331	461	1	R99	F	Support of cell update confirm on CCCH	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	462	1	R99	F	Max Window Size in RLC capabilities	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	463	3	R99	F	UE handling of CFN	3.3.0	3.4.0	R2	

TSG Doc	TSG status	Spec	CR	rv	Rel	Cat	Subject	Old vers	New vers	WG	Remarks
RP-000363	approved	25.331	464	1	R99	F	Correction of padding description in clause 12	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	465	1	R99	F	Window size in RLC info	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	466	1	R99	F	TFC Control Duration	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	467		R99	F	System Information Block Tabular Information	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	469	1	R99	F	Frequency encoding in inter-system handover messages	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	470		R99	F	RRC message size optimisation regarding TFS parameters	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	471	2	R99	F	RACH selection	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	472		R99	F	DRX cycle lower limit	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	474		R99	F	Rx window size in RLC info	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	476	1	R99	F	Corrections & optimisations regarding system information	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	477	1	R99	F	Corrections on 8.1.1 resulting from RRC review at R2#14	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	478	1	R99	F	Corrections to the RRC connection release procedure	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	479	1	R99	F	New release cause for signalling connection re-establishment	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	480	1	R99	F	Correction to IE midamble shift and burst type	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	481	1	R99	F	Correction in RLC info	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	483		R99	F	Description of CTCH occasions	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	485	1	R99	F	TDD CCTrCH UL/DL Pairing for Inner Loop Power Control	3.3.0	3.4.0	R2	
RP-000363	approved	25.331	486	1	R99	F	DCCH and BCCH Signaling of TDD UL OL PC Information	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	487	1	R99	F	Broadcast SIBs for TDD UL OL PC Information	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	490	1	R99	F	CPCH corrections	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	492	3	R99	F	Corrections to Security IEs	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	494	1	R99	F	Corrections to parameters to be stored in the USIM	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	496		R99	F	Editorial corrections	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	497	2	R99	F	Physical Shared Channel Allocation procedure	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	498		R99	F	Correction to Transport Format Combination Control Message	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	499	1	R99	F	Usage of Cell Parameter ID	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	500		R99	F	RB description for SHCCH	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	501	1	R99	F	Use of LI in UM	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	502	1	R99	F	Minor Corrections to RRC Protocol Specification	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	503	1	R99	F	Correction to Cell Update Cause	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	504		R99	F	Correction on T307 definition	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	505		R99	F	Corrections to relative priorities in RRC Protocol	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	506		R99	F	Unification of Reconfiguration Procedures	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	507	1	R99	F	Changes to section 8.2 proposed at Paris RRC Ad Hoc	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	508		R99	F	Establishment Cause	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	509	1	R99	F	PRACH partitioning	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	510		R99	F	Editorial Correction on Active Set Update	3.3.0	3.4.0	R2	
RP-000364	approved	25.331	511		R99	F	Editorial Correction regarding system information	3.3.0	3.4.0	R2	

TSG Doc	TSG status	Spec	CR	rv	Rel	Cat	Subject	Old vers	New vers	WG	Remarks
RP-000365	approved	25.331	512	1	R99	F	Clarification on Reporting Cell Status	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	513	1	R99	F	Editorial corrections on RRC Connection Establishment and	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	514		R99	F	Gated Transmission Control Info	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	515	1	R99	F	Cell selection/reselection parameters for SIB 3/4	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	516		R99	F	Implementation of Ec/N0 parameters and optimisation of SIB	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	517		R99	F	PRACH Info	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	518	1	R99	F	Uplink DPCH power control info	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	519		R99	F	AICH power offset value range	3.3.0	3.4.0	R2	
RP-000365	postponed	25.331	520	2	R99	F	Direct paging of RRC connected UE in CELL_PCH/URA_PCH	3.3.0		R2	
RP-000365	approved	25.331	521		R99	F	Corrections to Sections 1-7	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	522		R99	F	Error handling for Uplink Physical Channel Control procedure	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	523		R99	F	Corrections to downlink outer loop power control in	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	524	1	R99	F	Clarification on measurement procedure using compressed	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	525	1	R99	F	Updates to cell and URA update procedures based on RRC Ad	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	526	1	R99	F	Updates to RNTI allocation procedure based on RRC Ad Hoc	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	528		R99	F	PRACH constant value	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	530		R99	F	Corrections to the paging procedure	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	532	1	R99	F	Miscellaneous corrections and moving of text from 3G TS	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	533	1	R99	F	Message extensibility	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	534	1	R99	F	Additions to "State of RRC Procedure" in RRC Initialisation	3.3.0	3.4.0	R2	
RP-000365	approved	25.331	535	1	R99	F	Support of codec negotiation	3.3.0	3.4.0	R2	
RP-000370	approved	25.401	013	3	R99	F	Principles for functional distribution between SRNC and CRNC	3.3.0	3.4.0	R3	
RP-000370	approved	25.401	014		R99	F	Removal of UTRAN Identifier definition and reference made to	3.3.0	3.4.0	R3	
RP-000370	approved	25.401	015	1	R99	F	Delay performance requirements	3.3.0	3.4.0	R3	
RP-000370	approved	25.401	016		R99	F	Alignment of list of functions and cleaning of editorial notes	3.3.0	3.4.0	R3	
RP-000370	approved	25.401	017	1	R99	F	Layered architecture view	3.3.0	3.4.0	R3	
RP-000371	approved	25.402	007	1	R99	F	Corrections to the UE state in section 9	3.2.0	3.3.0	R3	
RP-000371	approved	25.402	008	2	R99	F	Introduction of DOFF in TDD and CFN handling during hard	3.2.0	3.3.0	R3	
RP-000371	approved	25.402	009	2	R99	F	TDD intercell synchronisation	3.2.0	3.3.0	R3	
RP-000372	approved	25.412	005		R99	F	Updating RFC 1483 to RFC 2684	3.4.0	3.5.0	R3	
RP-000373	approved	25.413	124	1	R99	F	Only resources related to Iu need to be released	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	125	1	R99	F	Values for paging cause need to be aligned with 25.331	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	126	1	R99	F	No new RABs at reconfiguration	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	127	1	R99	F	Faulty condition for SDU Error Ratio	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	128	1	R99	F	Clarification for mapping between RABs and	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	129	2	R99	F	Cause value needed for relocation because of resource	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	130	1	R99	F	Handling or IEs marked with "Ignore and Notify" in RANAP	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	131		R99	F	SAI in Direct transfer	3.2.0	3.3.0	R3	

TSG Doc	TSG status	Spec	CR	rv	Rel	Cat	Subject	Old vers	New vers	WG	Remarks
RP-000373	approved	25.413	132	1	R99	F	Correcting the presentation in RANAP to follow Specification	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	133	2	R99	F	Correcting the references in RANAP	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	134	2	R99	F	Clarification of LAI and RAC setting in Initial UE message and	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	135	1	R99	F	Correcting the conditions for GTP PDU sequence numbers	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	136	3	R99	F	Rules for RANAP on how IEs become known and clarification	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	138		R99	F	object identifier value for RANAP	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	168	3	R99	F	Cause value needed for relocation	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	169		R99	F	User data before RAB ASSIGNMENT RESPONSE	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	170		R99	F	Clarification on re-assignment of Iu-signalling connection after	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	171		R99	F	Clarification on list of Iu signalling connection identifiers within	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	173		R99	F	Overlapping CN Broadcast Areas	3.2.0	3.3.0	R3	
RP-000373	approved	25.413	174	1	R99	F	Usage of DRX Cycle Length Coefficient is missing	3.2.0	3.3.0	R3	
RP-000374	approved	25.413	175	1	R99	F	Usage of Subflow SDU size	3.2.0	3.3.0	R3	
RP-000374	approved	25.413	177	1	R99	F	Correction of SAPI values in RANAP ASN.1 code	3.2.0	3.3.0	R3	
RP-000374	approved	25.413	178		R99	F	Wrong implementation of CR123 in 25.413 v 3.2.0	3.2.0	3.3.0	R3	
RP-000374	approved	25.413	179	1	R99	F	Reference between unsuccessful Location Report and	3.2.0	3.3.0	R3	
RP-000374	approved	25.413	181	1	R99	F	Handling of the situation when Relocation is not supported by	3.2.0	3.3.0	R3	
RP-000374	approved	25.413	182		R99	F	Correction to range of repetition indicator	3.2.0	3.3.0	R3	
RP-000374	approved	25.413	183		R99	F	New Abstract syntax error for wrong order or number or IEs	3.2.0	3.3.0	R3	
RP-000374	approved	25.413	184		R99	F	Combined ASN.1 definition based on agreed CRs.	3.2.0	3.3.0	R3	
RP-000375	approved	25.414	018	1	R99	F	UDP port number over Iu	3.4.0	3.5.0	R3	
RP-000375	approved	25.414	020		R99	F	Addition of reference for usages of MTP3b on Iu	3.4.0	3.5.0	R3	
RP-000376	approved	25.415	028		R99	F	Correction of Cause Indicator	3.3.0	3.4.0	R3	
RP-000376	approved	25.415	029	1	R99	F	Subflow SDUs in Payload fields	3.3.0	3.4.0	R3	
RP-000376	approved	25.415	030	2	R99	F	Selection of user data PDU type	3.3.0	3.4.0	R3	
RP-000376	approved	25.415	032	1	R99	D	Editorial correction of reference No	3.3.0	3.4.0	R3	
RP-000376	approved	25.415	034		R99	F	Value range of PDU type	3.3.0	3.4.0	R3	
RP-000376	approved	25.415	035		R99	F	Delivery of erroneous SDUs value alignment	3.3.0	3.4.0	R3	
RP-000377	approved	25.419	011		R99	F	Handling of Presence field	3.1.0	3.2.0	R3	
RP-000377	approved	25.419	012	1	R99	F	Handling of IEs marked with "Ignore and Notify" in SABP Class	3.1.0	3.2.0	R3	
RP-000377	approved	25.419	014	1	R99	F	Criticality in tabular format of 25.419	3.1.0	3.2.0	R3	
RP-000377	approved	25.419	015		R99	F	object identifier value for SBAP	3.1.0	3.2.0	R3	
RP-000377	approved	25.419	016	3	R99	F	Clarification of Message Identifier	3.1.0	3.2.0	R3	
RP-000377	approved	25.419	017	2	R99	F	Rules for SABP on how IEs become known and clarification on	3.1.0	3.2.0	R3	
RP-000377	approved	25.419	018	2	R99	D	Correcting the references in SABP & other minor corrections.	3.1.0	3.2.0	R3	
RP-000377	approved	25.419	019	1	R99	D	Editorial Corrections in the presentation of SABP as per	3.1.0	3.2.0	R3	
RP-000377	approved	25.419	020	2	R99	F	Clarification of the description and usage of Elementary	3.1.0	3.2.0	R3	
RP-000377	approved	25.419	021		R99	F	Correction to range of repetition indicator	3.1.0	3.2.0	R3	

TSG Doc	TSG status	Spec	CR	rv	Rel	Cat	Subject	Old vers	New vers	WG	Remarks
RP-000377	approved	25.419	022	1	R99	F	New Abstract syntax error for wrong order or number or IEs	3.1.0	3.2.0	R3	
RP-000377	approved	25.419	023		R99	F	Combined ASN.1 definition based on agreed CRs.	3.1.0	3.2.0	R3	
RP-000378	approved	25.420	008	1	R99	F	Bi-directional dedicated transport channels	3.1.0	3.2.0	R3	
RP-000379	approved	25.423	145	2	R99	F	Clarification for Multi-DPCH cases	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	146	3	R99	F	Need to disable Timing advance	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	147	1	R99	F	Shared Channel Signalling correction	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	148	1	R99	F	UE Capabilities transfer SRNC to DRNC	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	149	2	R99	F	Alignment of DPCH parameters with WG1/WG2 in TDD	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	151	3	R99	F	Rules for RNSAP on how IEs become known and clarification	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	152	1	R99	F	Maximum/minimum DL power settings	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	153	2	R99	F	UL/DL SIR target corrections	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	154	1	R99	F	Power reference point	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	156	2	R99	F	Introduction of DL Codes Not Supported cause value	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	157	1	R99	F	Introduction of a temporary failure: not expired CFN	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	158	1	R99	F	Maximum number of TBs in a TTI	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	159	1	R99	F	Handling of IEs marked with “Ignore and Notify” in class 2	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	160	1	R99	F	Corrections of diversity information	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	161	2	R99	F	Editorial Correction RNSAP	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	162	1	R99	F	Correction the value range of IB_SG_REP in RNSAP	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	163	1	R99	F	Clarification to the RL failure procedure	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	164	2	R99	F	Renaming UL interference	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	166	1	R99	F	compress mode	3.2.0	3.3.0	R3	
RP-000379	approved	25.423	167		R99	F	object identifier value for RNSAP	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	168		R99	F	correction of errors in the ASN.1 part of RNSAP	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	169	2	R99	F	Correction to Burst Type IE and Midamble Shift IE in TDD	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	171	1	R99	F	BER at Uplink DTX for TDD	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	173	1	R99	F	TDD CCTrCH power control ambiguity	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	174		R99	F	Renaming of Timeslot ISCP	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	176	1	R99	F	Correction to FDD DL Channelisation Code Number IE	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	178	1	R99	F	Initial DL transmission power allocation in DRNC	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	179	1	R99	F	Introduction of SRNC-Id in the RL SETUP REQUEST	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	180	1	R99	F	Missing Choice Tag in the RL RECONFIGURATION FAILURE	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	183	1	R99	F	Measurement alignment	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	184		R99	F	Clarification of usage of reporting objects in the RL restoration	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	185	3	R99	F	Non-core Features in RNSAP	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	186	1	R99	F	Correction to RL Addition, Transmit Diversity Indicator	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	187		R99	F	Limited power increase chapter	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	188		R99	F	Measurement Grouping in the DRNC	3.2.0	3.3.0	R3	

TSG Doc	TSG status	Spec	CR	rv	Rel	Cat	Subject	Old vers	New vers	WG	Remarks
RP-000380	approved	25.423	189	1	R99	F	Remove Unnecessary use of the ProtocolIE-Container	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	190	1	R99	F	Correction to Compressed Mode	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	191	1	R99	F	Procedure Rejection in RNSAP due to Lack of Support on	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	192	1	R99	F	Support for CELL_FACH to CELL_DCH state transition	3.2.0	3.3.0	R3	
RP-000380	approved	25.423	193		R99	F	RNSAP Support for switching from Cell_DCH to URA_PCH	3.2.0	3.3.0	R3	
RP-000381	approved	25.423	194		R99	F	Correction to range of repetition indicator	3.2.0	3.3.0	R3	
RP-000381	approved	25.423	195		R99	F	New Abstract syntax error for wrong order or number or IEs	3.2.0	3.3.0	R3	
RP-000381	approved	25.423	196	2	R99	F	RNSAP Common IEs	3.2.0	3.3.0	R3	
RP-000381	approved	25.423	197	1	R99	F	Extensability RNSAP FDD IEs	3.2.0	3.3.0	R3	
RP-000381	approved	25.423	198	1	R99	F	RNSAP TDD IEs	3.2.0	3.3.0	R3	
RP-000381	approved	25.423	199		R99	F	Procedure Rejection in RNSAP due to Unknown Procedure ID	3.2.0	3.3.0	R3	
RP-000381	approved	25.423	200	1	R99	F	Combined ASN.1 definition based on agreed CRs	3.2.0	3.3.0	R3	
RP-000382	approved	25.424	005		R99	F	Remove Draft in the title of the reference Q.2630.1 in 25.424	3.3.0	3.4.0	R3	
RP-000383	approved	25.426	003	1	R99	F	AAL2 switching possibility	3.3.0	3.4.0	R3	
RP-000383	approved	25.426	004		R99	F	Remove Draft in the title of the reference Q.2630.1 and	3.3.0	3.4.0	R3	
RP-000383	approved	25.426	006		R99	F	Additon of reference for usage of MTP3b on Iur	3.3.0	3.4.0	R3	
RP-000384	approved	25.427	026	1	R99	F	Timing Deviation and Timing Adjustment Synchronisation	3.3.0	3.4.0	R3	
RP-000384	approved	25.427	028	1	R99	F	Reserved TFI bits	3.3.0	3.4.0	R3	
RP-000384	approved	25.427	029	1	R99	F	Transport connection synchronisation	3.3.0	3.4.0	R3	
RP-000384	approved	25.427	031		R99	F	DSCH Corrections	3.3.0	3.4.0	R3	
RP-000384	approved	25.427	032	1	R99	F	BER at Uplink DTX for TDD	3.3.0	3.4.0	R3	
RP-000384	approved	25.427	033	1	R99	F	Node B knowledge of timing advance	3.3.0	3.4.0	R3	
RP-000384	approved	25.427	034	1	R99	F	CRCI octet when number of TBs is equal to zero	3.3.0	3.4.0	R3	
RP-000384	approved	25.427	035	3	R99	F	Editorial modification of 25.427	3.3.0	3.4.0	R3	
RP-000385	approved	25.430	011	1	R99	F	Bi-directional dedicated transport channels	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	165	4	R99	F	Changes to NBAP to support the signaling of the ‘DSCH DL	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	168	2	R99	F	Clarification for Multi-DPCH cases	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	169	3	R99	F	Alignment of DPCH parameters with WG1/WG2 in TDD	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	170	1	R99	F	Node B communication context ID IE in Radio Link Setup	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	173	1	R99	F	Correction of Tabular Formats and Information Element	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	174	1	R99	F	Corrections to RL Setup Failure description	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	175	3	R99	F	Rules for NBAP on how IEs become known and clarification on	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	176	1	R99	F	Maximum/minimum DL power settings	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	177	3	R99	F	Minimum power level	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	178	1	R99	F	Power reference point	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	180	2	R99	F	Introduction of DL Codes Not Supported cause value	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	181	1	R99	F	Power offset for PICH and AICH in Common Transport	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	182	1	R99	F	Ambiguous Resource Status Indication and consequences for	3.2.0	3.3.0	R3	

TSG Doc	TSG status	Spec	CR	rv	Rel	Cat	Subject	Old vers	New vers	WG	Remarks
RP-000386	approved	25.433	183	1	R99	F	Handling of two non supported non core functionalities	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	184	1	R99	F	Removal of paging procedure from NBAP	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	185	2	R99	F	Alignment to RRC CRs 363 and 362	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	186	1	R99	F	Introduction of a temporary failure: not expired CFN	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	187	3	R99	F	NBAP Reset procedure	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	188	1	R99	F	Maximum number of TBs in a TTI	3.2.0	3.3.0	R3	
RP-000386	approved	25.433	189	1	R99	F	Handling of IEs marked with “Ignore and Notify” in class 2	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	190	3	R99	F	Iub Admission Control	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	191	1	R99	F	Corrections of diversity information	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	192	1	R99	F	Editorial Correction NBAP	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	193		R99	F	Minor CPCH correction	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	194	2	R99	F	Renaming UL interference	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	195	1	R99	F	compress mode	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	196	1	R99	F	Clarification to the RL Failure procedure	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	197		R99	F	object identifier value for NBAP	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	198		R99	F	correction of errors and misalignments in the ASN.1 part of	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	199	2	R99	F	Correction of Burst Type IE and Midamble Shift IE in TDD	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	200	1	R99	F	DSCH Corrections	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	203	1	R99	F	BER at Uplink DTX for TDD	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	205	2	R99	F	Correction to RL Addition, RL Reconfiguration Prepare, and RL	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	207	1	R99	F	TDD CCTrCH power control ambiguity	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	208		R99	F	Renaming of Timeslot ISCP	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	211	1	R99	F	Correction to FDD DL Channelisation Code Number IE	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	214	1	R99	F	Resource status indication clarification	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	218	1	R99	D	Edditorial Correction in Tabular format for CPCH	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	219		R99	F	Correction in Common measurement report message for	3.2.0	3.3.0	R3	
RP-000387	approved	25.433	220	1	R99	F	Power Offset for AP-AICH, CD/CA-ICH and CSICH	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	221		R99	F	RACH Transport format Correction in TDD	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	222	1	R99	F	Measurement alignment	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	224	2	R99	F	Non-core Features in NBAP	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	225		R99	F	Limited power increase chapter	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	226	1	R99	F	Correction of UL-FP mode and Measurement filter coefficient	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	227		R99	F	Remove Unnecessary use of the ProtocolIE-Container	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	228		R99	F	Correction to Compressed Mode	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	233		R99	F	Editorial Correction - Min SF	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	234	3	R99	F	Update of RL-SETUP procedure text, addressing optional IE’s.	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	235	1	R99	F	Physical Shared Channel procedure clarifications	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	236		R99	F	Clarification of the Resource Status Indication procedure text	3.2.0	3.3.0	R3	

TSG Doc	TSG status	Spec	CR	rv	Rel	Cat	Subject	Old vers	New vers	WG	Remarks
RP-000388	approved	25.433	237	1	R99	F	RL addition procedure text update.	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	238		R99	F	Procedure text proposal for optional IE in common transport	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	239		R99	F	New Abstract syntax error for wrong order or number or IEs	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	240	4	R99	F	NBAP Common IEs extensibility corrections	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	241	1	R99	F	NBAP FDD IE's extension capability	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	242	2	R99	F	Extensibility for NBAP-TDD-Ies	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	243	3	R99	F	Updated NBAP Sync RL Reconfiguration Procedure (Optional	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	244		R99	F	procedure rejection in NBAP due to unknown procedure ID	3.2.0	3.3.0	R3	
RP-000388	approved	25.433	246		R99	F	Correction to range of repetition indicator	3.2.0	3.3.0	R3	
RP-000389	approved	25.433	247	3	R99	F	Updated NBAP UnSync RL Reconfiguration Procedure	3.2.0	3.3.0	R3	
RP-000389	approved	25.433	248	1	R99	F	Combined ASN.1 definition based on agreed CRs	3.2.0	3.3.0	R3	
RP-000390	approved	25.434	003		R99	F	Remove Draft in the title of the reference Q.2630.1 and	3.2.0	3.3.0	R3	
RP-000391	approved	25.435	022	3	R99	F	Changes to 25.435 required to support the signaling of the	3.3.0	3.4.0	R3	
RP-000391	approved	25.435	026	1	R99	F	Reserved TFI bits	3.3.0	3.4.0	R3	
RP-000391	approved	25.435	027		R99	F	DSCH Corrections	3.3.0	3.4.0	R3	
RP-000391	approved	25.435	028	2	R99	F	BER at Uplink DTX for TDD	3.3.0	3.4.0	R3	
RP-000391	approved	25.435	029	3	R99	F	Node B knowledge of timing advance	3.3.0	3.4.0	R3	
RP-000391	approved	25.435	030	2	R99	F	Pilot bit sending when unknown TFCI	3.3.0	3.4.0	R3	
RP-000366	approved	25.922	004	2	R99	F	Clarification on RRC security and capability information	3.2.0	3.3.0	R2	
RP-000366	approved	25.922	006		R99	F	Variable Rate Transmission	3.2.0	3.3.0	R2	
RP-000367	approved	25.925	003		R99	F	Corrections	3.1.0	3.2.0	R2	
RP-000368	approved	25.926	010	1	R99	F	TDD DL Physical Channel Capability per Timeslot	3.1.0	3.2.0	R2	
RP-000368	approved	25.926	012		R99	F	Change to UE Capability definition	3.1.0	3.2.0	R2	
RP-000368	approved	25.926	013		R99	F	Physical parameter changes	3.1.0	3.2.0	R2	
RP-000392	approved	25.931	001	1	R99	F	Corrections to a minor mistake present in the spec.	3.0.0	3.1.0	R3	
RP-000392	approved	25.931	002	1	R99	F	Introduction of new scenarios related to channel switching over	3.0.0	3.1.0	R3	
RP-000392	approved	25.931	003	1	R99	F	Correction of timing and message name	3.0.0	3.1.0	R3	
RP-000349	approved	25.944	002	2	R99	F	TDD related changes for TR25.944	3.1.0	3.2.0	R1	

Annex D: Meeting schedule

TSG-RAN

Meeting	Date	Host	Location
RAN#10	06 - 08 December 2000	Unisys	Bangkok, Thailand
RAN#11	14 - 16 March 2001	T1	Palm Springs, CA, USA
RAN#12	13 - 15 June 2001	Ericsson	Stockholm, Sweden
RAN#13	19 - 21 September 2001	Lucent Technologies, CWTS	Beijing, China
RAN#14	12 - 14 December 2001	ARIB, TTC	Tokyo, Japan
RAN#15	?? - ?? March 2002	TTA	tbd, Korea

TSG-RAN WG1

Meeting	Date	Host	Location
#18	16 - 19 January 2001	T1P1 (tbc)	USA (tbc)
#19	27 February - 02 March 2001 (tbc)		
#20	21 - 25 May 2001 (tbc)	TTA companies	Seoul (tbc), Korea

TSG-RAN WG2

Meeting	Date	Host	Location
#18	15 - 19 January 2001	Vodafone Ltd., BT/Cellnet, Hutchison, Lucent	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		
#19	26 February - 02 March 2001		
#20	17 - 20 April 2001		
#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	19 - 23 February 2001		Europe
#16	21 - 25 May 2001	Ericsson	Sweden/Spain (tbd)
#17	09 - 13 July 2001	Siemens	Berlin, Germany
#18	03 - 07 September 2001	Agilent	Scotland, United Kingdom
#19	12 - 16 November 2001		New York, USA