TSG-RAN meeting #9 RP-000331
Oahu, HI, USA, 20-22 September 2000

Title: **Revised Draft Report of the 8th TSG-RAN meeting (Düsseldorf, Germany, 21-23 June 2000)**
Document for: **Comment**
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Executive summary

During TSG-RAN #8, a total of 136 documents were handled. All new specifications and all CRs with one exception (nearly 700 of the latter) brought in by the WGs were approved (although some needed revision during the meeting). One CR was postponed.

There was a discussion on measurement uncertainty based on a possibly different interpretation of this issue in Japan compared to the understanding in 3GPP.

Several liaisons to ITU were discussed and approved: update of RSPC and additional test specifications.

A discussion was held on the work (over)load in the various WGs, both with respect to the MCC support and with respect to the slow progress of R'00.

All issues that had been identified as remaining for Release '99 were resolved. Working procedures with respect to the acceptability of CRs to R'99 were outlined and approved.

Six new work items for Release 2000 were agreed, all of them on Low Chip Rate TDD. The existing R'00 WI sheets were rediscussed and mostly endorsed after changes have been made.

A discussion on the project plan and ToRs was postponed.

The working procedures for R'00 were clarified (work items and work item sheets, the role of the rapporteur etc.).

1 Opening of the meeting

Yukitsuna Furuya (Chairman) opened the meeting. Helmut Hoffmann (Mannesmann) welcomed the delegates to Düsseldorf, and explained the volatile situation in the mobile communications world, with mergers the order of the day. He also welcomed the delegates to Düsseldorf.

2 Approval of the agenda

RP-000193 Proposed agenda (Chairman)
Yukitsuna Furuya (Chairman) proposed the agenda for the meeting.
Decision: The agenda was approved.

3 Approval of the meeting report of TSG-RAN Meeting #7

RP-000194 Draft Report of the 7th TSG-RAN meeting (Madrid, Spain, 13-15 March 2000) (Secretary)

RP-000195 Revised draft Report of the 7th TSG-RAN meeting (Madrid, Spain, 13-15 March 2000) (Secretary)

The revised meeting report of RAN#7 in RP-000195 had been distributed via the email reflector and was on the server. Compared to the original draft version, there were some small changes in the executive summary and in the ITU Ad Hoc part and in the section on Work Items for Release 2000.
Decision: The report was approved. The approved report would be available in RP-000196.

RP-000196 Approved Report of the 7th TSG-RAN meeting (Madrid, Spain, 13-15 March 2000) (Secretary)

This was the approved report of the TSG-RAN #7 meeting.

4 Inputs from other groups

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

4.1.1 TSG-SA and TSG-SA WGs

RP-000300 (S5-000322, to TSG-RAN) LS on Service management - New R00 work item proposal under SA5's responsibility (TSG-SA WG5)

Yukitsuna Furuya (Chairman) presented this LS.
Discussion: There was some time needed to study this LS and see if TSG-RAN needed to do anything.
Decision: The LS was noted. WG3 was asked to consider this document.

4.2 TSG-RAN WGs (including ITU Ad Hoc matters)

4.2.1 TSG-RAN WG1

RP-000197 (R1-000614, copy TSG-RAN) LS on low chip rate TDD interference/deployment scenarios (TSG-RAN WG1)

Antti Toskala (TSG-RAN WG1 Chairman) presented this LS.
Discussion: The document was for information. WG4 had not copied its response to TSG-RAN because it believed no action was needed by TSG-RAN.
Decision: The LS was noted.

RP-000198 (R1-000798, copy TSG-RAN) LS on 'Neighbour Cell SFN detection for Handover' (TSG-RAN WG1)

Antti Toskala (TSG-RAN WG1 Chairman) presented this LS.
Discussion: There had been consideration of this issue in TSG-RAN WG2. Its response was in RP-000199 (R2-001284). WG2 believed that the handover would work and therefore disagreed with WG1's conclusion. SMG2 had not yet had time to look at it. Its successor would have to look at it, but that was no earlier than in August. TSG-RAN WG4 had responded to the LS, but this response had somehow not arrived in TSG-RAN.

Howard Benn (TSG-RAN WG4 Chairman) read out the LS, which concluded that WG4 did not agree with WG1. Summarising, what is there currently is enough, although it may be not optimal. Improvements would be needed. Whether those improvements would be for Release '99 or Release '00 was for further study. After an offline discussion, it was decided that such improvements would not be for Release '99. However, some corrections would be made to existing specifications. Nils Andersen (SMG2 Chairman) stated that the proposed solution would not improve the GSM-to-UMTS case.
Decision: The LS was noted.

RP-000285 (R1-000765, copy TSG-RAN) LS on Proposed changes to 3GPP Release 2000 work plan (TSG-RAN WG1)
Antti Toskala (TSG-RAN WG1 Chairman) presented this LS.
Discussion: The details of Release '00 would be handled in Agenda Item 6.
Decision: The LS was noted.

4.2.2 TSG-RAN WG2

RP-000199 (R2-001284, copy TSG-RAN) Response to LS (R1-000798) on 'Neighbour Cell SFN detection for Handover' (TSG-RAN WG2)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this LS.
Discussion: This was TSG-RAN WG2's answer to RP-000198 (R1-000798).
Decision: The LS was noted.

4.2.3 TSG-RAN WG3

RP-000286 (R3-001649, copy TSG-RAN) Response to LS (S1) on Hexadecimal IMEI format (TSG-RAN WG3)
Per Willars (TSG-RAN WG3 Chairman) presented this LS.
Discussion: After offline discussion with TSG-SA WG1, WG3 had decided that the attached CR would cover the changes needed by TSG-SA WG1. WG2 had checked the status of its specifications, having received the same LS, and was able to support any IMEI format.
Decision: The LS was noted.

4.2.4 TSG-RAN WG4

RP-000200 (R4-000528, to TSG-RAN) LS on RAN WG4 R00 work items (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this LS.
Discussion: The contents of this document would be taken into account in Agenda Item 6 (R'00).
Decision: The LS was noted.

RP-000307 (R4-000541, to TSG-RAN) LS on Derivation of UE and BTS performance requirements (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this LS.
Discussion: This was an LS related to measurement uncertainty. Another LS on this topic was from ARIB in RP-000302. WG4 proposed to form a joint Ad Hoc with TSG-T WG1 (to work on technical issues, not political ones) on this topic on measurement uncertainty parameters in the specifications. WG4 also believed that there is a misinterpretation in the Japanese regulation bodies about this topic, and plans to try and convince them that the principles on the basis of which WG4 is working are the proper ones.

Decision: The LS was noted. TSG-RAN confirmed that the principles on which WG4 is currently handling measurement uncertainty is the proper way. The formation of the joint group was also approved. A separate e-mail list would be set up for this purpose. A chairman (also acceptable to TSG-T WG1) had already been found: Moray Rumney (Agilent).

RP-000308 (R4-000537, to TSG-RAN) Response to LS (R1-000798) on Neighbour Cell SFN Detection for Handover (TSG-RAN WG4)

Howard Benn (TSG-RAN WG4 Chairman) presented this LS.
Discussion: The topic of this document had already been handled in the discussion on this topic (WG1 and WG2 LSs RP-000198 and RP-000199).
Decision: The LS was noted.

4.2.5 ITU Ad Hoc

RP-000303 Proposed response to LS (ITU-R WP8F) on The updating of RSPC (ITU-R Ad Hoc contact person)

Giovanni Romano (TIM) presented this LS.
Discussion: There was concern about the numbers in this document. They had been there before, but then under the header "TD-SCDMA". If the header was changed to "UTRA TDD", it would seem that TSG-RAN endorsed the numbers. Time was needed to review these numbers. The purpose of this LS was only to signal to ITU whether RSPC needed to be updated. The real deadline was in October. Editorial changes were needed to the LS.
Decision: The LS would be sent. Originally the attachment would not be included, but then it was found out that the deadline for a draft was 11 August, so a draft was needed after all. The (dormant) ITU Ad Hoc would be reactivated, using e-mail correspondence and if necessary, organise a drafting meeting (probably in Turin). Details for such a meeting would be announced soon (since a warning period of three weeks was needed). Originally, an update of the LS would be produced in this meeting, but it was decided to leave this too to the ITU Ad Hoc drafting meeting. However, eventually RP-000324 was produced as update (see Agenda Item 8).

4.3 Others

4.3.1 SMG and SMG WPs

RP-000201 (2-00-955, copy TSG-RAN) LS on GSM to UMTS cell re-selection and handover solution (SMG2)

Denis Fauconnier (TSG-RAN WG2 Chairman) presented this LS.
Discussion: The document was for information. The purpose was to have a good alignment between the GSM specifications and the UTRA specifications. Various WGs and SMG2 (or its successor) are working on these issues and TSG-RAN was not requested to do anything. WG2 and WG4 would look at it in more detail.
Decision: The LS was noted.

RP-000202 (2-001128, copy TSG-RAN) Response to LS (T2) on Guidance on future work for T2 SWG5, Multi-mode terminals (SMG2)

Denis Fauconnier (TSG-RAN WG2 Chairman) presented this LS.

Discussion: The conclusion of the LS was that TSG-T WG2 should not investigate this issue. WG2 had looked into it and agreed with the SMG2 conclusion. TSG-RAN did not need to do anything, but should be aware of the issue.
Decision: The LS was noted.

4.3.2 GSM Association

RP-000304(copy TSG-RAN) Typical radio parameter sets version 1.2 (GSMA-ISG)
Yukihiko Okumura (NTT DoCoMo) presented this LS.
Discussion: The intention of the document was to guarantee minimum interoperability, but not to limit what equipment could do. In answer to concerns about the stability of this document, it was stated that the GSM Association had already had its last meeting on this topic and that now only an e-mail discussion was held. No more major changes were foreseen, only corrections.
Decision: The LS was noted. WG1 and WG2 would review this document when they received it.

4.3.3 Others

RP-000302Understanding of Japan on Handling of Measurement Uncertainty (ARIB)
Masaaki Iwasa (ARIB) presented this LS.
Discussion: The topic was also covered by RP-000307 (LS from WG4). For the second point Howard Benn (TSG-RAN WG4 Chairman) proposed that working closely together with the ITU group on this topic could facilitate the global consensus that was sought. ARIB was happy with this, but MPT (Ministry of Post and Telecommunications) decides, so ARIB could not guarantee this was sufficient. The deadline for global agreement was not clear.
Decision: The LS was noted. 3GPP would be the body where the work was done, but the results would be provided to ITU. Howard Benn (TSG-RAN WG4 Chairman) would draft an LS to ITU to send this test specification (see RP-000325 in Agenda Item 8).

5 Reports from TSG-RAN Groups - 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

General

There were a number of CRs proposing new features for the *functionally frozen* R'99. It was made clear that this was unacceptable. The RAN WGs should not propose such CRs in future. Delegates were asked to be precise in their allocation of category, based on Annex D (revision of RP-000323).

RP-000323Proposal for controlling changes to Release 99 (TSG-RAN Vice-Chairman)
Francois Courau (Vice-Chairman) presented this document.
Discussion: This document summarised which changes to R'99 were acceptable and which not. For category "C", the second and third sentence should be modified to make clear which functional modifications are allowed.

Decision: With this change, the document was endorsed and would be enforced in all WGs. The updated version was in Annex D.

RP-000309 Status of some of CPCH Related Features in WGs (Samsung)
This document was withdrawn.

5.1 TSG-RAN WG1

5.1.1 Report from TSG-RAN WG1

RP-000263 Report from WG1 chairman to TSG-RAN (TSG-RAN WG1 Chairman)
Antti Toskala (Chairman TSG-RAN WG1) presented this report.
Presentation:
- Release '99 issues were still consuming meeting time, the items were small corrections/clarifications.
- Joint sessions had been held with WG3 (Downlink power control) and WG2 (UE capability) during WG1#12 in Seoul.
- Technical report on narrowband TDD progressed a great deal, still work to do before proceeding to specification/CR phase. A separate physical 2 day ad hoc was held to proceed the topic.
- Release 2000 discussion started with part of the topics:
  - Terminal power saving features
  - High speed downlink packet access
  - Improved inter-frequency/inter-system measurements
  - TX diversity (radio link performance improvement study item)
  - TDD Node B synch, Improved Cell RACH/FACH state ...
- Discussions with these and other topics would proceed in the coming meetings.
- 97 CRs had been submitted to TSG-RAN for approval.

Discussion:
- On page 17, the header should say "Study/Work Item".
- The issue "LAS CDMA" would not proceed unless it was officially approved by TSG-RAN as a work item and unless other groups would also work on it. No request for a WI had so far been made.
- WG2 and WG4 needed to co-ordinate the issue of Range/mapping values.

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 25.201: Physical layer - General description

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000264	25.201	3.0.2	Agreed CRs	approved	3.1.0

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-000265	25.211	3.2.0	Agreed CRs	approved 1) 2) 3)	3.3.0

1) There were some problems with CR 059 that had been recognised in offline discussions. The problems could not be fixed quickly. Other CRs were not depending on this CR. CR 059 was postponed.
2) It was questioned if it was still possible to have a modification of function (category C). It turned out that the offending category (CR 049) was wrong and should be "correction" (category F). Approved. Similarly, the category for CR 048 should not be "addition of feature" (category B), but "correction" (category F). Approved.
3) CR 048 was related to CR 068 to 25.433 in WG3. Both should be approved (or rejected) at the same time. Approval of this CR was deferred until the WG3 CR was discussed. Approved.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000266	25.212	3.2.0	Agreed CRs	approved	3.3.0

CRs to TS 25.213: Spreading and modulation (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000267	25.213	3.2.0	Agreed CRs	approved 1)	3.3.0

1) The category of CR 034 was wrong and should be "correction" (category F). Approved.

CRs to TS 25.214: FDD; physical layer procedures

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000268	25.214	3.2.0	Agreed CRs (1)	approved 1) 2)	3.3.0
RP-000269	25.214	3.2.0	Agreed CRs (2)	approved	3.3.0

1) CR 084 was related to CRs in WG2 and CR 068 to 25.433 in WG3. Before it could be approved, those other CRs should be discussed first. Approved.
2) CR 098 was related to a CR in WG2 and CR 068 to 25.433. Both should be approved (or rejected) at the same time. Approval of this CR was deferred until the appropriate WG2 and WG3 CRs were discussed. Approved.

CRs to TS 25.215: Measurements (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000270	25.215	3.2.0	Agreed CRs	approved 1)	3.3.0

1) CRs 049, CR 055 and CR 056 were related to CRs in WG4. All should be approved (or rejected) at the same time. Approval of these CRs was deferred until the appropriate WG4 CRs were discussed. Approved.

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-000271	25.221	3.2.0	Agreed CRs	approved 1)	3.3.0

1) The category of CR 023 was wrong and should be "correction" (category F). Approved.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000272	25.222	3.2.1	Agreed CRs	approved 1)	3.3.0

1) The category of CR 030 was wrong and should be "correction" (category F). Approved.

CRs to TS 25.223: Spreading and modulation (TDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000273	25.223	3.2.0	Agreed CRs	approved	3.3.0

CRs to TS 25.224: TDD; physical layer procedures

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000274	25.224	3.2.0	Agreed CRs	approved 1) 2)	3.3.0

1) The category of CR 021 was wrong and should be "correction" (category F). Approved.
2) CR 023 was related to CR 159 to 25.433 in WG3. Both should be approved (or rejected) at the same time. Approval of this CR was deferred until the WG3 CR was discussed. Approved.

CRs to TS 25.225: Measurements (TDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000275	25.225	3.2.0	Agreed CRs	approved	3.3.0

CRs to TR 25.944: Channel coding and multiplexing examples

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000276	25.944	3.0.0	Agreed CRs	approved	3.1.0

Reports from WG1 for information

Tdoc	Agreed as report	Presented as version	Title	Result	Final version
RP-000278 / RP-000277 (cover)	25.833	1.1.0	Physical Layer Items Not For Inclusion In Release '99	noted	1.1.0
RP-000280 / RP-000279 (cover)	25.928	1.0.0	1.28Mcps functionality for UTRA TDD Physical Layer	noted	1.0.0

5.2 TSG-RAN WG2

5.2.1 Report from TSG-RAN WG2

RP-000213 Report from WG2 chairman to TSG-RAN (TSG-RAN WG2 Chairman)

RP-000287 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-000213) and the supplement of agreed CRs (RP-000287).

Presentation:

- The good news was that the number of LSs was decreasing.

- The bad news was that there were many documents per meeting (average 350 documents per meeting, and two meetings between two RAN plenaries, so a high workload) and very many CRs each meeting. It also did not seem like the workload was decreasing.
- Completion/correction on RRC: still some more was expected...
- Cell selection/re-selection: there were many changes, but now mechanisms are stable
- Handover to GSM: work has been done on pre-configuration principles
- Security: some holes were identified and partly filled in, but more is to come
- UE capabilities report was modified based on GSM-ISG input
- Other specifications only experienced minor changes
- Joint meeting with WG1 was held to make changes on 25.926 based on the input from GSM-ISG. The work was completed.
- Joint meeting with TSG-CN WG1 was held on PLMN selection. The subject was closed in TSG-CN WG1.
- Joint meeting with TSG-CN WG1 and TSG-RAN WG3 was held. Discussed was modelling between higher layers and RRC (will be in 24.007 and 23.xxx). Codec Changes for OoTC were also discussed, concerning explicit signalling in C-plane. This was solved
- Release 2000 Work/Study Items:
  - High Data Rate: Started
  - Hybrid ARQ II/III: Started
  - Support of Location Services in UTRA FDD : Not started
  - Support of Location Services in UTRA TDD: Not started
  - RAB support enhancement: Not started
  - Support of Multiple CCTrCH in downlink (FDD) : Not started
  - Feasibility study of USTS : Not started
  - Feasibility Study for Improved Common DL Channel for Cell-FACH State : Started
- There is a high peak load at implementation of CRs
  - MCC should get support for CR implementation. Currently it is done by group members, but better organisation is needed.
- Work Items
  - There is some lack of clarity on process and status of Work Items
- List of release 00 Work Items
  - Based on release 99 experience, rationale for duplications of release 99 functions by new Work Items should be clearly justified before work can proceed
- Items with interactions/dependencies on other groups have been closed. Remaining interactions are with SMG2, and SMG2 experts will come to RAN WG2 meeting in July.
- Efforts are still needed from all companies in order to complete essentially RRC specifications.
- The total number of CRs submitted to TSG-RAN was 169.

Discussion:

- Preconfiguration (handover to GSM) was a way to avoid segmentation during handover (because UTRAN messages are much larger than GSM messages).
- The list of Work/Study items contained only those for which WG2 was the primary responsible group. Additional work tasks could be allocated.

Decision: The report was noted. The issues for RAN consideration were wider than WG2 and would be discussed later during the meeting.

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-000214	25.301	3.4.0	Agreed CRs	approved	3.5.0

CRs to TS 25.302: Services provided by the Physical Layer

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000215	25.302	3.4.0	Agreed CRs	approved 1)	3.5.0

1) CR 052 was related to CRs in WG1 and CR 068 to 25.433 inWG3. All should be approved (or rejected) at the same time. WG1 CRs had been discussed already. Approval of this CR was deferred until the appropriate WG3 CRs were discussed. Approved.

CRs to TS 25.303: Interlayer Procedures in Connected Mode

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000216	25.303	3.3.0	Agreed CRs	approved 1)	3.4.0

1) CR 031 was related to CRs in WG1 and CR 068 to 25.433 in WG3. All should be approved (or rejected) at the same time. WG1 CRs had been discussed already. Approval of this CR was deferred until the appropriate WG3 CRs were discussed. Approved.

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-000217	25.304	3.2.0	Agreed CRs	approved	3.3.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000218	25.305	3.1.0	Agreed CRs	approved	3.2.0

CRs to TS 25.321: MAC protocol specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000219	25.321	3.3.0	Agreed CRs	approved	3.4.0

1) CR 043 was related to CRs in WG1 and WG3. All should be approved (or rejected) at the same time. WG1 CRs had been discussed already. Approval of this CR was deferred until the appropriate WG3 CRs were discussed. Approved.

CRs to TS 25.322: RLC Protocol Specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000220	25.322	3.2.0	Agreed CRs	approved 1) 2)	3.3.0

1) The category of CR 039 was wrong and should be "correction" (category F). Approved.
2) The category of CR 041 was wrong and should be "correction" (category F). Approved.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000221	25.323	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-000222	25.331	3.2.0	Agreed CRs (1)	approved	3.3.0
RP-000223	25.331	3.2.0	Agreed CRs (2)	approved 1) 2) 3)	3.3.0
RP-000224	25.331	3.2.0	Agreed CRs (3)	approved 4)	3.3.0
RP-000225	25.331	3.2.0.	Agreed CRs (4)	approved	3.3.0
RP-000226	25.331	3.2.0	Agreed CRs (5)	approved 5)	3.3.0
RP-000227	25.331	3.2.0	Agreed CRs (6)	approved 6)	3.3.0

1) The category of CR 294 was wrong and should be "correction" (category F). Approved.
2) CR 309 avoids a security breach and was requested by TSG-SA WG3. It is a new feature (category B) but was seen as essential. It should actually be "correction" (category F) depending on the definition. Approved.
3) The category of CR 315 was wrong and should be "correction" (category F). Approved.
4) CR 331 was related to CRs in WG1 and WG3. All should be approved (or rejected) at the same time. WG1 CRs had been discussed already. Approval of this CR was deferred until the appropriate WG3 CRs were discussed. Approved.
5) The category of CR 390 is "new feature" (category B) as indicated, but it was felt by WG2 that is was important and agreed after long discussion. Antti Toskala (TSG-RAN WG1) supported this from the point of view of WG1. Approved.
6) The category of CR 409 was wrong and should be "correction" (category F). Approved.

CRs to TR 25.922: Radio Resource Management Strategies

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000228	25.922	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-000229	25.926	3.0.0	Agreed CRs	approved	3.1.0

5.3 TSG-RAN WG3

5.3.1 Report from TSG-RAN WG3

RP-000230 Report from WG3 chairman to TSG-RAN (TSG-RAN WG3 Chairman)
Per Willars (Chairman TSG-RAN WG3) presented this report.
Presentation:

- Most of the R99 open issues presented at TSG-RAN #7 were solved. Besides these, there were even more contributions to solve other issues.
- Nevertheless, there are still many issues to solve, but the severity of the issues decreases all the time. None of the remaining identified issues need to be reported to TSG-SA for potential exclusion of R '99.
- A problem for completion of R' 99 specifications was the late availability of the new versions of specifications, once the CRs had been approved by TSG-RAN. After TSG-RAN #7, the most critical specifications (25.413, 25.423, and 25.433) were not available until the following WG3 meeting,

despite hard work by the MCC support team. Some extra resources need to be provided to the MCC support team for implementing CRs after each TSG meeting.

- A big risk for the quality, and openness, of the UTRAN interfaces (especially Iur/Iub) was the dependency on very few experts within TSG-RAN WG3. At the last meeting, more than 50% of the contributions to WG3 were from one company. All companies finding inconsistencies in the specifications are requested to provide CRs to WG3 as soon as possible.
- So far in 3GPP, there had been very much focus on specifying much new functionality in a short timeframe. From now on, it was needed to emphasise the quality aspects, i.e. ensure good quality of R'99 specifications, as well as work with higher quality requirements for the additional R'00 functionality.
- WG3 had decided to create a TR for each Work Item, in order to: (1) Facilitate agreement of requirements and principles before entering detailed solutions, and (2)Have a placeholder for agreed specification text, until the R'00 CRs are to be approved
  - Iu related work items
    - Handover for realtime services from PS-domain. Work is ongoing but no TR created.
    - RAB support enhancements. No activity.
    - RAB QoS negotiation. No activity.
    - TrFO / TFO. Work is ongoing. Have had one TrFO/TFO meeting with S4, S2, N1. Another one planned for July. Two corrections have been done to R99 to support TrFO (UP version negotiation, support for Codec negotiation).
  - Iur/Iub related work items
    - Support for LCS, FDD. No activity.
    - Support for LCS, TDD. No activity.
    - Low chiprate TDD option. No activity.
    - Improved support of inter-frequency/system measurements. No activity.
    - RRM optimisation. Congestion handling of DCH: No activity. RRM optimisation: Procedure parallelism on Iub/Iur: No activity. RRM optimisation: DPC Rate Reduction in soft handover: No activity. RRM optimisation: Introduction of common measurements over Iur for neighbouring cell load measurements: No activity. RRM optimisation: Extension of Radio Interface Parameters updating in the user plane: No activity.
    - Hybrid ARQ (WG2 leading). Initial contribution noted.
    - Support for multiple CCTrCHs. No activity.
    - Node B synchronisation for TDD. No activity.
    - Incorporation of narrowband TDD mode. No activity.
    - Terminal power saving features. Initial contributions noted.
    - Improved common DL channel for CELL_FACH state. Initial contributions noted.
    - Candidate enhancements for RL performance (R1 leading). No activity.
    - USTS (R1 leading). Initial contribution, deferred to mail discussion.
    - Highspeed DL packet access study. No activity.
  - Overall UTRAN
    - QoS optimization for AAL2 connections (Q.2630 CS2) (TR 25.934). TR structure agreed. Discussions on contents.
    - IP transport in UTRAN (TR 25.933). Initial version of the TR agreed, including TR structure and initial list of requirements and study areas.
    - WG3 requests guidance on how to liaise with IETF.
- Around 210 CRs were presented for approval.

Discussion:

- The quality of the CRs (in general, not particularly for WG3) needed to improve, which would be one way of lowering the workload for the MCC support team. However, the sheer quantity of the CRs in

the RAN working groups (many of which are large, in the order of hundreds of pages) was such that, no matter how good the CRs, additional help was still needed.

- It was good to note that the figures for the delay budget had dropped considerably, but it was not yet clear if those new figures were trustworthy. According to the WG3 Chairman, more time was needed for verification. Additionally, the access stratum stops in the Core Network and part of the Core Network is part of it and should be taken into account. For the time being this was not yet clear and it was recommended to defer the work on delay budget until that issue had been solved. Against this, it was argued that 95% of the work had to be done by WG3 anyway and could progress on the parts that was under their control. Other WGs might have input to the report as well.

Decision: The report was noted.

5.3.2 Discussions on decisions from TSG-RAN WG3

There were no documents for this agenda item.

5.3.3 Approval of contributions from TSG-RAN WG3

CRs to TS 25.401: UTRAN Overall Description

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000231	25.401	3.2.0	Agreed CRs	approved 1)	3.3.0

1) The category of CR 008 was wrong and should be "correction" (category F). Approved.

CRs to TS 25.402: Synchronisation in UTRAN Stage 2

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000232	25.402	3.1.0	Agreed CRs	approved	3.2.0

CRs to TS 25.412: UTRAN Iu interface signalling transport

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000233	25.412	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.413: UTRAN Iu interface RANAP signalling

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000234	25.413	3.1.0	Agreed CRs (1)	approved 1) 2) 3) 4) 5) 6) 7) 8)	3.2.0
RP-000235	25.413	3.1.0	Agreed CRs (2)	approved 9) 10) 11) 12) 13) 14)	3.2.0
RP-000236	25.413	3.1.0	Agreed CRs (3)	approved 15)	3.2.0

1) The category of CR 076 was wrong and should be "correction" (category F). Approved.
2) The category of CR 077 was wrong and should be "correction" (category F). Approved.
3) The category of CR 081 was wrong and should be "correction" (category F). Approved.
4) The category of CR 085 was wrong and should be "correction" (category F). Approved.
5) The category of CR 086 was wrong and should be "correction" (category F). Approved.
6) The category of CR 093 was wrong and should be "correction" (category F). Approved.
7) The category of CR 096 was wrong and should be "correction" (category F). Approved.
8) The category of CR 102 was wrong and should be "correction" (category F). Approved.
9) The category of CR 083 was wrong and should be "correction" (category F). Approved.
10) The category of CR 099 was wrong and should be "correction" (category F). Approved.

11) The category of CR 108 was wrong and should be "correction" (category F). Approved.
12) The category of CR 118 was wrong and should be "correction" (category F). Approved.
13) The category of CR 119 was wrong and should be "correction" (category F). Approved.
14) The category of CR 123 was wrong and should be "correction" (category F). Approved.
15) The category of CR 112 was wrong and should be "correction" (category F). Approved.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000237	25.414	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.415: UTRAN Iu interface user plane protocols

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000238	25.415	3.2.0	Agreed CRs	approved 1) 2) 3) 4)	3.3.0

1) The category of CR 022 was wrong and should be "correction" (category F). Approved.
2) The category of CR 023 was wrong and should be "correction" (category F). Approved.
3) The category of CR 025 was wrong and should be "correction" (category F). Approved.
4) The category of CR 026 was wrong and should be "correction" (category F). Approved.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000239	25.419	3.0.0	Agreed CRs	approved 1) 2)	3.1.0

1) The category of CR 003 was wrong and should be "correction" (category F). Approved.
2) The category of CR 009 was wrong and should be "correction" (category F). Approved.

CRs to TS 25.422: UTRAN Iur interface signalling transport

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000240	25.422	3.3.0	Agreed CRs	approved	3.4.0

CRs to TS 25.423: UTRAN Iur interface RNSAP signalling

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000241	25.423	3.1.0	Agreed CRs (1)	approved 1) 2) 3) 4)	3.2.0
RP-000242	25.423	3.1.0	Agreed CRs (2)	approved 5) 6) 7) 8)	3.2.0
RP-000243	25.423	3.1.0	Agreed CRs (3)	approved 9) 10) 11) 12) 13) 14) 15)	3.2.0
RP-000244	25.423	3.1.0	Agreed CRs (4)	approved 16) 17)	3.2.0

1) The category of CR 070 was wrong and should be "correction" (category F). Approved.
2) The category of CR 086 was wrong and should be "correction" (category F). Approved.
3) The category of CR 096 was wrong and should be "correction" (category F). Approved.
4) The category of CR 112 was wrong and should be "correction" (category F). Approved.
5) The category of CR 099 was wrong and should be "correction" (category F). Approved.
6) The category of CR 110 was wrong and should be "correction" (category F). Approved.
7) The category of CR 119 was wrong and should be "correction" (category F). Approved.
8) The category of CR 123 was wrong and should be "correction" (category F). Approved.
9) The category of CR 074 was wrong and should be "correction" (category F). Approved.
10) The category of CR 089 was wrong and should be "correction" (category F). Approved.
11) The category of CR 102 was wrong and should be "correction" (category F). Approved.
12) The category of CR 106 was wrong and should be "correction" (category F). Approved.

13) The category of CR 117 was wrong and should be "correction" (category F). Approved.
14) The category of CR 125 was wrong and should be "correction" (category F). Approved.
15) The category of CR 133 was wrong and should be "correction" (category F). Approved.
16) The category of CR 126 was wrong and should be "correction" (category F). Approved.
17) Some additional corrections to the ASN.1 in CR 141 might be needed.

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-000245	25.424	3.2.0	Agreed CRs	approved	3.3.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000246	25.425	3.1.0	Agreed CRs	approved	3.2.0

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-000247	25.426	3.2.0	Agreed CRs	approved	3.3.0

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-000248	25.427	3.2.0	Agreed CRs	approved 1)	3.3.0

1) The category of CR 019 was wrong and should be "correction" (category F). The title was incorrect in the list of CRs. Approved.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000249	25.430	3.1.0	Agreed CRs	approved	3.2.0

CRs to TS 25.433: NBAP specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000250	25.433	3.1.0	Agreed CRs (1)	approved 1) 2) 3) 4) 5)	3.2.0
RP-000251	25.433	3.1.0	Agreed CRs (2)	approved 6) 7) 8) 9) 10)	3.2.0
RP-000252	25.433	3.1.0	Agreed CRs (3)	approved 11) 12) 13)	3.2.0
RP-000253	25.433	3.1.0	Agreed CRs (4)	approved 14) 15) 16)	3.2.0

1) The category of CR 084 was wrong and should be "correction" (category F). Approved.
2) The category of CR 089 was wrong and should be "correction" (category F). Approved.
3) The category of CR 102 was wrong and should be "correction" (category F). Approved.
4) The category of CR 109 was wrong and should be "correction" (category F). Approved.
5) The category of CR 131 was wrong and should be "correction" (category F). Approved.
6) The category of CR 118 was wrong and should be "correction" (category F). Approved.
7) The category of CR 139 was wrong and should be "correction" (category F). Approved.
8) The category of CR 142 was wrong and should be "correction" (category F). Approved.
9) The category of CR 159 was wrong and should be "correction" (category F). Approved.
10) CR 159 was related to WG1 CR 023 to 25.224. Approved and therefore the WG1 CR too.

11) The category of CR 096 was wrong and should be "correction" (category F). Approved.
12) The category of CR 128 was wrong and should be "correction" (category F). Approved.
13) The category of CR 156 was wrong and should be "correction" (category F). Approved.
14) The category of CR 146 was wrong and should be "correction" (category F). Approved.
15) CR 068 was related to CRs in WG1 and WG2. All should be approved (or rejected) at the same time. WG1 CRs had been discussed already. Approval of this CR was deferred. Approved.
16) Some additional corrections to the ASN.1 in CR 164 might be needed.

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-000254	25.435	3.2.0	Agreed CRs	approved	3.3.0

Specifications and reports from WG3 for approval

Tdoc	Agreed as report	Presented as version	Title	Result	Final version
RP-000256 / RP-000255 (cover) / RP-000318 (cover)	25.931	2.0.0	UTRAN Functions, Examples on Signalling Procedures	approved 1)	3.0.0
RP-000258 / RP-000257 (cover) RP-000319 (cover)	29.108	2.0.0	Application of the Radio Access Network Application Part (RANAP) on the E-interface	approved 2)	3.0.0

1) The cover sheet RP-000255 had not been filled out correctly and was reissued as RP-000318.
2) The cover sheet RP-000257 had not been filled out correctly and was reissued as RP-000319.

Reports from WG3 for information

Tdoc	Agreed as report	Presented as version	Title	Result	Final version
RP-000262 / RP-000261 (cover) RP-000320 (cover)	25.932	1.0.0	Delay Budget within the Access Stratum	noted 1)	1.0.0
RP-000260 / RP-000259 (cover)	30.531	0.8.0	Workplan	withdrawn 2)	-

1) The cover sheet RP-000261 had not been filled out correctly and was reissued as RP-000320.
2) The cover sheet was not filled out and the document was withdrawn.

5.4 TSG-RAN WG4

5.4.1 Report from TSG-RAN WG4

RP-000203 Report from WG4 chairman to TSG-RAN (TSG-RAN WG4 Chairman)
Howard Benn (Chairman TSG-RAN WG4) presented this report.
Presentation:
- The work had been split between corrections to the BTS and UE specifications, and progressing work on the RRM documents.
- Work on R'00 work items had started.

- An LS was sent to RAN on the building block theme with the work items that WG4 believed they should be working on.
- Draft reports on RF repeaters and the low chip rate TDD option were available but not ready for RAN approval yet.
- Technical work on the BTS classifications and the TDD synchronization has started.
- ToR needed to be discussed in the RAN plenary (see agenda item 6.6)
- Measurement uncertainty needed to be discussed in the RAN plenary (see agenda item 4.3)
- Release 2000 issues for WG4:
  - Technical corrections
  - Repeaters
  - FDD Base Station Classification
  - TDD Base Station Classification
  - Low chip rate option
  - TDD node B synchronisation
  - Deployment Scenarios
- 104 agreed CRs were presented to RAN.

Discussion: The Ad Hoc meeting in London (Heathrow) in August would concentrate on two topics: (1) Justifications for the low chip rate TDD and (2) RRM.
Decision: The report was noted.

5.4.2 Discussions on decisions from TSG-RAN WG4

There were no documents for this agenda item.

5.4.3 Approval of contributions from TSG-RAN WG4

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000204	25.101	3.2.2	Agreed CRs	approved	3.3.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000205	25.102	3.2.0	Agreed CRs	approved	3.3.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000206	25.104	3.2.0	Agreed CRs	approved 1)	3.3.0

1) The category of CR 041 was wrong and should be "correction" (category F). Approved.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000207	25.105	3.2.0	Agreed CRs	approved	3.3.0

CRs to TS 25.113: Base station EMC

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000208	25.113	3.1.0	Agreed CRs	approved	3.2.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000209	25.123	3.1.1	Agreed CRs	approved	3.2.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000210	25.133	3.1.0	Agreed CRs	approved 1)	3.2.0

1) The category of CR 016 was wrong and should be "correction" (category F). Approved.
2) CR 023 was related to WG1 CRs. They should be handled simultaneously. Approved.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000211	25.141	3.1.0	Agreed CRs	approved 1)	3.2.0

1) The category of CR 027 was wrong and should be "correction" (category F). Approved.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000212	25.142	3.1.0	Agreed CRs	approved	3.2.0

5.5 Summary of Release '99

There was no input for this agenda item.

6 Release 2000

General decisions:
Several inputs were discussed and a draft set of procedures was in principle endorsed in Annex E.

RP-000328 Role of rapporteur (TSG-RAN (WG) Chairmen and MCC Support)
Hans van der Veen (Secretary) presented this document.
Discussion: There might be more than one rapporteur for big specifications. Questions on the e-mail exploder are usually done by volunteers. The list of rapporteurs should be brought to the TSG meetings. With respect to organisational problems "solve" should read "provide support for resolution of".
Decision: The content was endorsed. An update would be attached in Annex F. MCC was asked to append the list of rapporteurs to the report.

RP-000288 Collection of approved WI sheets TSG-RAN #7 (Secretary, Vice-Chairman)
Yukitsuna Furuya (Chairman) presented this document.

Discussion: The title of this document was no longer correct. This was not a collection of approved work items but served as the basis for discussion. The WI sheets were discussed one by one. IP Transport was missing in this list Alcatel would produce an update of the Work Item sheet. TrFO was also missing. NTT DoCoMo would produce an update of the Work Item sheet. Finally, six general features and building blocks were still missing. Francois Courau (Vice-Chairman) would provide them after the meeting:

1. *Low chip rate TDD option*.
   This WI was presented on the basis of RP-000191 of TSG-RAN#7.
2. *Base station classification*.
   The WI sheet was endorsed.
3. *FDD Base station classification*.
   Table in Section 4 should be deleted. Rapporteur should be Antti Toskala. Section 14c needed to be corrected.
   With these changes the WI sheet was endorsed.
4. *TDD Base stations classification*.
   The same changes to FDD should be applied to TDD:
   Table in Section 4 should be deleted. Rapporteur should be Antti Toskala. Section 14c needed to be corrected.
   With these changes the WI sheet was endorsed.
5. *Support of Location Services in UTRA TDD*.
   The title should be changed to "UE positioning in UTRA TDD". Table in Section 4 should be deleted. The approval date should be moved to TSG-RAN#10. This was a building block.
   With these changes the WI sheet was endorsed.
6. *Support of Location Services in UTRA FDD*. This was a building block.
   The title should be changed to "UE positioning in UTRA FDD". Table in Section 4 should be deleted. The approval date should be moved to TSG-RAN#10. The leading WG should be WG2 (Section 12).
   With these changes the WI sheet was endorsed.
7. *Hybrid ARQ II/III*.
   Table in Section 4 should be deleted. The approval date should be moved to TSG-RAN#10.
   With these changes the WI sheet was endorsed.
8. *NodeB Synchronisation for TDD*.
   Table in Section 4 should be deleted.
   With this change the WI sheet was endorsed.
9. *UTRA Repeater Specification*.
   Table in Section 10 should be updated. The note in Section 10 would be deleted.
   With these changes the WI sheet was endorsed.
10. *QoS optimization for AAL type 2 connections over Iub and Iur interfaces*.
    Table in Section 4 should be deleted. Section 14c had to be adapted (BB "Evolution of transport in UTRAN" had to be added).
    With these changes the WI sheet was endorsed.
11. *Terminal power saving features*.
    Section 14 had to be adapted. It was a building block belonging to feature "Radio Interface improvement".
    With this change the WI sheet was endorsed.
12. *Handover for real-time services from PS-Domain*.
    This was the one-but-last version, without the Alcatel comments (which had not been agreed). The title was confusing and should be rephrased as "PS-Domain handover for real-time services".
    With this change the WI sheet was endorsed.
13. *RAB Quality of Service Negotiation over Iu*.
    The WI sheet was endorsed.

14. *RRM optimizations*.
    An update was provided in RP-000310.
15. *Radio access bearer support enhancement.*
    The WI sheet was endorsed.
16. *Compressed mode enhancements*.
    The title (above) was wrong and should be rephrased as "Improvement of inter-frequency and inter-system measurements". Table in Section 4 should be deleted. The approval date should be moved to TSG-RAN#10.
    With these changes the WI sheet was endorsed.
17. *Support of Multiple CCTrCH in downlink (FDD).*
    The title (above) was wrong and should be rephrased as "Improved usage of downlink resource in FDD for CCTrCHs of dedicated type". For the rapporteurs, the first name is kept (second one to be removed).
    With these changes the WI sheet was endorsed.

Decision:

- Any reference to technology in all WI sheets should be clearly understood to be by way of example and not preclude other solutions. Future WI sheets should not contain references to solutions.
- For all the WI sheets the date of completion should be moved to TSG-RAN WG#10. Milestones should be identified and reviewed.
- Progress of each WI needs to be captured, for example in the form of a TR.
- The agenda for R'00 issues at future RAN plenaries would be structured according to Work Item per leading WG, not purely by Working Group (as was done for R'99). CRs etc. would be presented and approved by Feature or Building Block (depending on the size). Approval would be en bloc.

RP-000289 Collection of approved Study Item sheets TSG-RAN #7 (Secretary, Vice-Chairman)

Yukitsuna Furuya (Chairman) presented this document.

Discussion:

1. *Radio link performance enhancements*.
   Table in Section 4 should be deleted. From the objectives all but the first bullet point would be deleted. From the justification, the sentence from "especially related to ... physical layer." would be deleted.
   With these changes the WI sheet was endorsed.
2. *High speed downlink packet access*.
   Leading WG should be WG2
   With this change the WI sheet was endorsed.
3. *USTS.*
   An update was provided in RP-000291.
4. *Feasibility Study for Improved Common DL Channel for Cell-FACH State.*
   The format would be adapted to follow the WI template. The leading WG would be WG2.
   There were further comments to the WI sheet, but it was decided to defer those until a revision of the WI sheet had been circulated on the TSG-RAN mailing list. The WI sheet was noted.

Decision:

- See also the comments to RP-000288.
- Some kind of report needed as output of study item. All WGs' input to be taken into account. Is responsibility of leading WG.
- It must be ensured that all affected WGs have seen the document produced by the leading WG before the TSG-RAN plenary.

RP-000305 Release 2000 Scope and Timescales (BT)

Peter Adams (BT) presented this document.

Discussion: The contents of this document were in line with what TSG-RAN had already done.

Decision: The document was noted.

6.1 Work items under WG1 leadership

RP-000280 TR 25.928 v1.0.0 "1.28Mcps functionality for UTRA TDD Physical Layer" (TSG-RAN WG1)

Antti Toskala (TSG-RAN WG1 Chairman) presented this document (which had been 'noted' without presentation during the discussion on R'99). WG1 had reached consensus on all but three specifications.
Discussion: It was said (again) that the objective should be to achieve as much commonality as possible. There was a long discussion on this issue.
Decision: The TR was noted. The consensus reached by TSG-RAN WG1 on the specifications was debated, but eventually not fully endorsed. For all specifications where WG1 had reached consensus that narrowband TDD should be in the existing specification, that view was endorsed. For TS 25.221 through 25.225 the CR procedure should be used, with separate sections where appropriate.

RP-000191 Revised WI sheet "Low Chip Rate TDD" (CWTS)

Guiliang Yang (CWTS) presented this document.
Discussion: This was a document of TSG-RAN#7, which had not been available to everyone due to some confusion. It was therefore presented in this meeting. The table in Section 4 should be removed. Also in section 4, the sentence in "For higher layers" that said "In addition .... further study" would be removed. The word "features" one sentence earlier was confusing and should be replaced by "support". The last sentence of the first paragraph in section 4 ("And this work .... as well.") would be deleted. Still in section 4, in "For Iur/Iub interface", the line from "For higher layers" ("The work will focus on adding extensions and Add-Ons for low chip rate support") should replace the existing text.
Decision: With these changes, the WI sheet was endorsed.

RP-000292 Proposed WI "Low Chip Rate TDD Physical Layer " (CWTS)

This document was replaced by RP-000311.

RP-000311 Proposed WI "Low Chip Rate TDD Physical Layer " (CWTS)

Guiliang Yang (CWTS) presented this document.
Discussion: This was a building block. The table in Section 4 would be deleted. The justification section (Section 3) should be rewritten as it referred to e-mail discussion etc. This would be done offline. In the objective it should be stressed that the commonality between narrowband TDD and wideband TDD should be maximised.
Decision: With these changes, the Work Item was approved and the Work Item sheet was endorsed.

RP-000293 Proposed WI "Low chip rate TDD layer 2 and layer 3 protocol aspects" (CWTS)

This document was replaced by RP-000312.

RP-000312 Proposed WI "Low chip rate TDD layer 2 and layer 3 protocol aspects" (CWTS)

Yanhui Liu (CWTS) presented this document.
Discussion: In the objective it should be stressed that the commonality between narrowband TDD and wideband TDD should be maximised. The table in Section 4 would be deleted. The justification section (Section 3) should also be rewritten (offline). In the last line of the L2/L3 part of the objective, "baton handover" should be deleted and WG2 would study the need for "baton handover".
Decision: With these changes, the Work Item was approved and the Work Item sheet was endorsed.

RP-000294 Proposed WI "RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing" (CWTS)

This document was replaced by RP-000313.

RP-000313 Proposed WI " Low Chip Rate TDD RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing" (CWTS)

Daijun Zhang (CWTS) presented this document.
Discussion: The table in Section 4 would be deleted. From the justification section (Section 3) the first three sentences would be deleted. TS 25.133 should be added to the list in Section 10.
Decision: With these changes, the Work Item was approved and the Work Item sheet was endorsed. Han van Bussel (T-Mobil) would draft an LS to SA and SMG2 to inform them about the third mode narrowband TDD in addition to (existing) TDD and FDD.

RP-000295 Proposed WI "Smart antenna" (CWTS)

This document was replaced by RP-000314.

RP-000314 Proposed WI "Low Chip Rate TDD Smart antenna" (CWTS)

Guiliang Yang (CWTS) presented this document.
Discussion: The table in Section 4 would be deleted. The WI sheet should cover all layers (RNS, Layer 1, Layer 2/3 etc.). In other words, in the table in Section 10, the specifications other than the 25.2xx series should also be added. FDD and (wideband) TDD should also be covered.
Decision: With these changes, the Work Item was approved and the Work Item sheet was endorsed.

RP-000296 Proposed WI "Low Chip Rate TDD UE Capability" (CWTS)

This document was replaced by RP-000315.

RP-000315 Proposed WI "Low Chip Rate TDD UE radio access Capability" (CWTS)

Yanhui Liu (CWTS) presented this document.
Discussion: The table in Section 4 would be deleted. In the justification the first three sentences would be removed. The reference to "usage of beamforming" should be moved to the WI on Smart antenna.
Decision: With these changes, the Work Item was approved and the Work Item sheet was endorsed.

RP-000297 Proposed WI "Low chip rate TDD UTRAN architecture aspects" (CWTS)

This document was replaced by RP-000316.

RP-000316 Proposed WI "Low chip rate TDD UTRAN architecture aspects" (CWTS)

Yanhui Liu (CWTS) presented this document.
Discussion: The table in Section 4 would be deleted. In the justification the first three sentences would be removed. The reference to "beamforming" should be moved to the WI on Smart antenna. The title should read "Low chip rate TDD UTRAN network Iub/Iur protocol aspects".
Decision: With these changes, the Work Item was approved and the Work Item sheet was endorsed.

RP-000306 Status of Study Item "Radio Link Performance Enhancements" (TIM/CSELT)
Discussion: Antti Toskala (TSG-RAN WG1 Chairman) raised the document as being relevant for the Radio Link Performance Enhancement study item and it was confirmed by the source (TIM(CSELT) that there was no need to present it any more since the content was covered in the discussion on RP-000289.

Decision: The document was noted.

6.2 Work items under WG2 leadership

RP-000301 Proposed TR on "UTRA High Speed Dowlink Packet Access" (TSG-RAN WG2)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this document.
Discussion: Backward compatibility would be taken into account in the TR. "Feasibility" was taken to mean to study what advantages could be realised and at what cost. Probably some things would be found to be feasible in that sense and others might not. That would be captured in the eventual conclusion. WG2 would allocate work tasks to other WGs where necessary. Companies with input on this topic should first come to WG2 as the leading WG and should not directly go to other WGs.
Decision: The document was noted. Creation of the report was approved.

6.3 Work items under WG3 leadership

RP-000310 Revised WI sheet "RRM optimizations for Iur and Iub" (Ericsson)
Per Willars (Ericsson) presented this document.
Decision: The WI sheet was endorsed.

6.4 Work items under WG4 leadership

6.5 Others

RP-000291 Revised WI sheet for approved study item "USTS" (SK Telecom)
Young Lak Kim (SK Telecom) presented this document.
Discussion: Section 10 should not have reference to the specifications. In Section 3 (Justification) the first two sentences should be deleted.
Decision: With these changes, the Work Item was approved and the Work Item sheet was endorsed.

RP-000299 CPCH in Release 2000 (GBT)
This document was withdrawn.

6.6 Overall RAN work plan

RP-000321 Project Plan, version 1.2 (TSG-SA WG2)
Francois Courau (Vice-Chairman) presented this document.
Discussion: The document was for information.
Decision: The document was noted.

RP-000284 TSG-RAN WG1 workplan (TSG-RAN WG1)
This document was not available.

RP-000290 Proposed ToRs for TSG-RAN WGs (TSG-RAN WG Chairmen)
Hans van der Veen (Secretary) presented this document.
Discussion: The document was not available.
Decision: The document was noted. This draft would be circulated on the TSG-RAN server for comments. The WGs could work along the lines of the draft ToRs, but the approval would be postponed to TSG-RAN#9 in Hawaii.

7 Technical co-ordination among WGs

There was no input for this agenda item.

8 Output to other groups

RP-000298 Proposed LS (to ITU-T) on Understanding of Q.2630.1 (Japan Telecom)
Hiroshi Komatsu (Japan Telecom) presented this LS.
Discussion: It was currently prohibited for TSG-RAN to liaise with ITU-T. If the LS had to be sent, it would have to be on behalf of supporting companies. In PCG this problem would be addressed in its next meeting in Beijing (July).
Decision: The LS was rejected. It was recommended that this document would be provided to ITU-T as a contribution, not an LS, on behalf of Japan Telecom or another company, as the PCG decision would be too late anyway.

RP-000324 Proposed response (to ITU-R WP8F) to LS (ITU-R WP8F) on The updating of RSPC (ITU-R Ad Hoc contact person)
Giovanni Romano (TIM) presented this LS.
Discussion: The revision marks had to be switched on to see the differences with RP-000303.
Decision: The LS was approved. Yukitsuna Furuya (Chairman) would present this document to PCG. The ITU-R Ad Hoc contact person would take care of the further handling of this LS. In particular, the ITU Ad Hoc will revise the attachment of RP-000303 and the ITU Ad Hoc contact person will send the complete LS (cover page already approved by RAN and the revised attachment of RP-000303) directly to ITU-R by August, 11 (as required by ITU-R – see RP-000152), without requiring any additional action from RAN. The complete LS will also be sent in parallel to all WGs for comments so that the final version of the attachment can be approved at the next RAN Plenary and subsequently sent to ITU-R by October, 13, as requested by ITU (see RP-000152).

RP-000325 Proposed LS (to ITU-R WP8F) on Addition of test specifications in ITU IMT.RSCP (ITU M.1457) (TSG-RAN WG4 Chairman)
Howard Benn (TSG-RAN WG4 Chairman) presented this LS.
Discussion: The terminology should be a bit changed: "test specification" should be "conformance specification". The title of the specification should also refer to conformance specifications and to remove the reference to "ITU IMT.RSCP (ITU M.1457)". The source had to be TSG-T as well as TSG-RAN. On several occasions it said "3GPP RAN" which should be "3GPP RAN and 3GPP T". The beginning of the second paragraph should refer to "specifications generation body" rather than "standards generating body".

Decision: With these changes, the spirit of the LS was approved. The results of the online editing were captured in RP-000326.

RP-000326 Proposed LS (to ITU-R WP8F) on Addition of test specifications (TSG-RAN)
Decision: This was the result of the online editing of RP-000325. The ITU-R Ad Hoc was asked to elaborate this document, to put the result on the RAN and T mailing lists for comments and consult with ARIB before sending this LS. The ITU Ad Hoc Contact person will circulate the deadlines for this process but the final LS has to be sent to ITU-R by August, 11 and at least one week is needed for the RAN and T approval by correspondence.

RP-000327 Proposed LS (to TSG-SA, TSG-SA WG1, TSG GERAN/ETSI SMG2) on interworking of low chiprate TDD with GSM, high chiprate TDD and FDD (T-Mobil)
Han van Bussel (T-Mobil) presented this document.
Decision: The LS was approved. Hans van der Veen (Secretary) would send it out.

9 Project management

RP-000281 TS 21.100 Specification handling (ETSI MCC)
This document was withdrawn. A revision would be presented in TSG-SA.

RP-000282 TS 21.200 Drafting rules (ETSI MCC)
This document was replaced by RP-000322.

RP-000322 TR 21.801 Specification drafting rules (ETSI MCC)
John Meredith (ETSI MCC) presented this document.
Discussion: This document should be made available to the TSG-RAN WGs (after approval in SA).
Decision: The document was noted. MCC was asked to provide this document, and also the revised version of RP-000281 after approval in SA to the WGs.

RP-000283 Transfer of GSM specifications to 3GPP (ETSI MCC)
John Meredith (ETSI MCC) presented this document.
Discussion: There was some concern about the wording that seemed to suggest that 3GPP is a standardisation body. Therefore "standardization activity" would be changed to "specification activity".
Decision: The document was noted.

10 Any Other Business

Concerns in WG2 report (RP-000213)
High peak load at implementation of CRs
There was a serious problem here. No immediate solutions were discussed, but the delegates in TSG-RAN needed to be aware that the workload of the WGs (including the MCC support persons) was too high. This issue was under discussion between MCC, the TSG-RAN (Vice-) Chairmen and WG Chairmen and others. Delegates were in the meantime asked to do their best to contribute to lowering (unnecessary) workload of the WGs.

Work Items
This issue was solved in the meeting.

List of release 00 Work Items
This issue was covered by this meeting.

11 Closing of meeting

For future meetings, see Annex G. Yukitsuna Furuya (Chairman) thanked the hosts for the agreeable working environment and hosting and the delegates for their continued support. Good quality for R'99 and reasonable progress for R'00 were necessary.

Annex A: List of delegates

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Annex B: List of documents

Doc.No.	Title	Source	Ag.It.	Comments
RP-000193	Proposed agenda	Chairman	2	
RP-000194	Draft Report of the 7th TSG-RAN meeting (Madrid, Spain, 13-15 March 2000)	Secretary	3	
RP-000195	Revised draft Report of the 7th TSG-RAN meeting (Madrid, Spain, 13-15 March 2000)	Secretary	3	
RP-000196	Approved Report of the 7th TSG-RAN meeting (Madrid, Spain, 13-15 March 2000)	Secretary	3	
RP-000197	(R1-000614, copy TSG-RAN) LS on low chip rate TDD interference/deployment scenarios	TSG-RAN WG1	4.2	
RP-000198	(R1-000798, copy TSG-RAN) LS on 'Neighbour Cell SFN detection for Handover'	TSG-RAN WG1	4.2	
RP-000199	(R2-001284, copy TSG-RAN) Response to LS (R1-000798) on 'Neighbour Cell SFN detection for Handover'	TSG-RAN WG2	4.2	
RP-000200	(R4-000528, to TSG-RAN) LS on RAN WG4 R00 work items	TSG-RAN WG4	4.2	
RP-000201	(2-00-955, copy TSG-RAN) LS on GSM to UMTS cell re-selection and handover solution	SMG2	4.3	
RP-000202	(2-001128, copy TSG-RAN) Response to LS (T2) on Guidance on future work for T2 SWG5, Multi-mode terminals	SMG2	4.3	
RP-000203	Report from WG4 chairman to TSG-RAN	TSG-RAN WG4 Chairman	5.4.1	
RP-000204	CRs to TS 25.101	TSG-RAN WG4	5.4.3	
RP-000205	CRs to TS 25.102	TSG-RAN WG4	5.4.3	
RP-000206	CRs to TS 25.104	TSG-RAN WG4	5.4.3	
RP-000207	CRs to TS 25.105	TSG-RAN WG4	5.4.3	
RP-000208	CRs to TS 25.113	TSG-RAN WG4	5.4.3	
RP-000209	CRs to TS 25.123	TSG-RAN WG4	5.4.3	
RP-000210	CRs to TS 25.133	TSG-RAN WG4	5.4.3	
RP-000211	CRs to TS 25.141	TSG-RAN WG4	5.4.3	
RP-000212	CRs to TS 25.142	TSG-RAN WG4	5.4.3	
RP-000213	Report from WG2 chairman to TSG-RAN	TSG-RAN WG2 Chairman	5.2.1	
RP-000214	CRs to TS 25.301	TSG-RAN WG2	5.2.3	
RP-000215	CRs to TS 25.302	TSG-RAN WG2	5.2.3	
RP-000216	CRs to TS 25.303	TSG-RAN WG2	5.2.3	
RP-000217	CRs to TS 25.304	TSG-RAN WG2	5.2.3	
RP-000218	CRs to TS 25.305	TSG-RAN WG2	5.2.3	
RP-000219	CRs to TS 25.321	TSG-RAN WG2	5.2.3	
RP-000220	CRs to TS 25.322	TSG-RAN WG2	5.2.3	
RP-000221	CRs to TS 25.323	TSG-RAN WG2	5.2.3	
RP-000222	CRs to TS 25.331 (1)	TSG-RAN WG2	5.2.3	
RP-000223	CRs to TS 25.331 (2)	TSG-RAN WG2	5.2.3	
RP-000224	CRs to TS 25.331 (3)	TSG-RAN WG2	5.2.3	
RP-000225	CRs to TS 25.331 (4)	TSG-RAN WG2	5.2.3	
RP-000226	CRs to TS 25.331 (5)	TSG-RAN WG2	5.2.3	
RP-000227	CRs to TS 25.331 (6)	TSG-RAN WG2	5.2.3	
RP-000228	CRs to TR 25.922	TSG-RAN WG2	5.2.3	
RP-000229	CRs to TR 25.926	TSG-RAN WG2	5.2.3	
RP-000230	Report from WG3 chairman to TSG-RAN	TSG-RAN WG3 Chairman	5.3.1	
RP-000231	CRs to TS 25.401	TSG-RAN WG3	5.3.3	
RP-000232	CRs to TS 25.402	TSG-RAN WG3	5.3.3	

Doc.No.	Title	Source	Ag.It.	Comments
RP-000233	CRs to TS 25.412	TSG-RAN WG3	5.3.3	
RP-000234	CRs to TS 25.413 (1)	TSG-RAN WG3	5.3.3	
RP-000235	CRs to TS 25.413 (2)	TSG-RAN WG3	5.3.3	
RP-000236	CRs to TS 25.413 (3)	TSG-RAN WG3	5.3.3	
RP-000237	CRs to TS 25.414	TSG-RAN WG3	5.3.3	
RP-000238	CRs to TS 25.415	TSG-RAN WG3	5.3.3	
RP-000239	CRs to TS 25.419	TSG-RAN WG3	5.3.3	
RP-000240	CRs to TS 25.422	TSG-RAN WG3	5.3.3	
RP-000241	CRs to TS 25.423 (1)	TSG-RAN WG3	5.3.3	
RP-000242	CRs to TS 25.423 (2)	TSG-RAN WG3	5.3.3	
RP-000243	CRs to TS 25.423 (3)	TSG-RAN WG3	5.3.3	
RP-000244	CRs to TS 25.423 (4)	TSG-RAN WG3	5.3.3	
RP-000245	CRs to TS 25.424	TSG-RAN WG3	5.3.3	
RP-000246	CRs to TS 25.425	TSG-RAN WG3	5.3.3	
RP-000247	CRs to TS 25.426	TSG-RAN WG3	5.3.3	
RP-000248	CRs to TS 25.427	TSG-RAN WG3	5.3.3	
RP-000249	CRs to TS 25.430	TSG-RAN WG3	5.3.3	
RP-000250	CRs to TS 25.433 (1)	TSG-RAN WG3	5.3.3	
RP-000251	CRs to TS 25.433 (2)	TSG-RAN WG3	5.3.3	
RP-000252	CRs to TS 25.433 (3)	TSG-RAN WG3	5.3.3	
RP-000253	CRs to TS 25.433 (4)	TSG-RAN WG3	5.3.3	
RP-000254	CRs to TS 25.435	TSG-RAN WG3	5.3.3	
RP-000255	Coversheet for TR 25.931	TSG-RAN WG3	5.3.3	RP-000318
RP-000256	TR 25.931 version 2.0.0	TSG-RAN WG3	5.3.3	
RP-000257	Coversheet for TR 29.108	TSG-RAN WG3	5.3.3	RP-000319
RP-000258	TR 29.108 version 2.0.0	TSG-RAN WG3	5.3.3	
RP-000259	Coversheet for TR 30.531	TSG-RAN WG3	5.3.3	
RP-000260	TR 30.531 version 0.8.0	TSG-RAN WG3	5.3.3	
RP-000261	Coversheet for TR 25.932	TSG-RAN WG3	5.3.3	RP-000320
RP-000262	TR 25.932 version 1.0.0	TSG-RAN WG3	5.3.3	
RP-000263	Report from WG1 chairman to TSG-RAN	TSG-RAN WG1 Chairman	5.1.1	
RP-000264	CRs to TS 25.201	TSG-RAN WG1	5.1.3	
RP-000265	CRs to TS 25.211	TSG-RAN WG1	5.1.3	
RP-000266	CRs to TS 25.212	TSG-RAN WG1	5.1.3	
RP-000267	CRs to TS 25.213	TSG-RAN WG1	5.1.3	
RP-000268	CRs to TS 25.214 (1)	TSG-RAN WG1	5.1.3	
RP-000269	CRs to TS 25.214 (2)	TSG-RAN WG1	5.1.3	
RP-000270	CRs to TS 25.215	TSG-RAN WG1	5.1.3	
RP-000271	CRs to TS 25.221	TSG-RAN WG1	5.1.3	
RP-000272	CRs to TS 25.222	TSG-RAN WG1	5.1.3	
RP-000273	CRs to TS 25.223	TSG-RAN WG1	5.1.3	
RP-000274	CRs to TS 25.224	TSG-RAN WG1	5.1.3	
RP-000275	CRs to TS 25.225	TSG-RAN WG1	5.1.3	
RP-000276	CRs to TR 25.944	TSG-RAN WG1	5.1.3	
RP-000277	Cover sheet for TR 25.833	TSG-RAN WG1	5.1.3	
RP-000278	TR 25.833 version 1.1.0	TSG-RAN WG1	5.1.3	
RP-000279	Cover sheet for TR 25.928	TSG-RAN WG1	5.1.3	
RP-000280	TR 25.928 version 1.0.0	TSG-RAN WG1	5.1.3	
RP-000281	TS 21.100 Specification handling	ETSI MCC	9	withdrawn
RP-000282	TS 21.200 Drafting rules	ETSI MCC	9	RP-000322
RP-000283	Transfer of GSM specifications to 3GPP	ETSI MCC	9	

Doc.No.	Title	Source	Ag.It.	Comments
RP-000284	TSG-RAN WG1 workplan	TSG-RAN WG1	6.6	not available
RP-000285	(R1-000765, copy TSG-RAN) LS on Proposed changes to 3GPP Release 2000 work plan	TSG-RAN WG1	4.2	
RP-000286	(R3-001649, copy TSG-RAN) Response to LS (S1) on Hexadecimal IMEI format	TSG-RAN WG3	4.2	
RP-000287	Supplement (list of agreed CRs) to Report from WG2 chairman to TSG-RAN	TSG-RAN WG2 Chairman	5.2.1	
RP-000288	Collection of approved WI sheets TSG-RAN #7	Secretary, Vice-Chairman	6	
RP-000289	Collection of approved Study Item sheets TSG-RAN #7	Secretary, Vice-Chairman	6	
RP-000290	Proposed ToRs for TSG-RAN WGs	TSG-RAN WG Chairmen	6.6	
RP-000291	Revised WI sheet for approved study item "USTS"	SK Telecom	6	
RP-000292	Proposed WI "Low Chip Rate TDD Physical Layer "	CWTS	6	RP-000311
RP-000293	Proposed WI "Low chip rate TDD layer 2 and layer 3 protocol aspects"	CWTS	6	RP-000312
RP-000294	Proposed WI "RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing"	CWTS	6	RP-000313
RP-000295	Proposed WI "Smart antenna"	CWTS	6	RP-000314
RP-000296	Proposed WI "Low Chip Rate TDD UE Capability"	CWTS	6	RP-000315
RP-000297	Proposed WI "Low chip rate TDD UTRAN architecture aspects"	CWTS	6	RP-000316
RP-000298	Proposed LS (to ITU-T) on Understanding of Q.2630.1	Japan Telecom	8	
RP-000299	CPCH in Release 2000	GBT	6.5	withdrawn
RP-000300	(S5-000322, to TSG-RAN) LS on Service management - New R00 work item proposal under SA5's responsibility	TSG-SA WG5	4.1	
RP-000301	Proposed TR on "UTRA High Speed Dowlink Packet Access"	TSG-RAN WG2	6.2	
RP-000302	Understanding of Japan on Handling of Measurement Uncertainty	ARIB	4.3	
RP-000303	Proposed response to LS (ITU-R WP8F) on The updating of RSPC	ITU-R Ad Hoc contact person	4.2	RP-000324
RP-000304	Typical radio parameter sets version 1.2	GSMA-ISG	4.3	
RP-000305	Release 2000 Scope and Timescales	BT	6	
RP-000306	Proposed WI "Radio Link Performance Enhancements"	TIM/CSELT	6.1	
RP-000307	(R4-000541, to TSG-RAN) LS on Derivation of UE and BTS performance requirements	TSG-RAN WG4	4.2	
RP-000308	(R4-000537, to TSG-RAN) Response to LS (R1-000798) on Neighbour Cell SFN Detection for Handover	TSG-RAN WG4	4.2	
RP-000309	Status of some of CPCH related features in WGs	Samsung	5	
RP-000308	Revised WI sheet "RRM optimizations for Iur and Iub"	Ericsson	6.3	
RP-000311	Proposed WI "Low Chip Rate TDD Physical Layer "	CWTS	6	
RP-000312	Proposed WI "Low chip rate TDD layer 2 and layer 3 protocol aspects"	CWTS	6	
RP-000313	Proposed WI "RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing"	CWTS	6	
RP-000314	Proposed WI "Smart antenna"	CWTS	6	
RP-000315	Proposed WI "Low Chip Rate TDD UE Capability"	CWTS	6	
RP-000316	Proposed WI "Low chip rate TDD UTRAN architecture aspects"	CWTS	6	
RP-000317	Proposed CR 053r1 to 25.302 on Measurement of RACH and CPCH	Samsung	5.2.4	
RP-000318	Cover sheet for TR 25.931	TSG-RAN WG3	5.3.3	
RP-000319	Cover sheet for TR 29.108	TSG-RAN WG3	5.3.3	
RP-000320	Cover sheet for TR 25.932	TSG-RAN WG3	5.3.3	
RP-000321	3GPP Project Plan for R00 v.1.2	TSG-SA WG2	6	
RP-000322	TS 21.200 Drafting rules	ETSI MCC	9	
RP-000323	Proposal for controlling changes to Release 99	TSG-RAN Vice-Chairman	5	
RP-000324	Proposed response (to ITU-R WP8F) to LS (ITU-R WP8F) on The updating of RSPC	ITU-R Ad Hoc contact person	4.2	
RP-000325	Proposed LS (to ITU-R WP8F) on Addition of test specifications in ITU IMT.RSCP (ITU M.1457)	TSG-RAN	8	RP-000326

Doc.No.	Title	Source	Ag.It.	Comments
RP-000326	Proposed LS (to ITU-R WP8F) on Addition of test specifications	TSG-RAN	8	
RP-000327	Proposed LS (to TSG-SA, TSG-SA WG1, TSG GERAN/ETSI SMG2) on interworking of low chiprate TDD with GSM, high chiprate TDD and FDD	T-Mobil	8	
RP-000328	Role of rapporteur	TSG-RAN (WG) Chairmen and Secretaries	6	

Annex C: Status table of CRs

Status of all Change Requests presented to TSG-RAN #08 (June

List of all approved CRs in order of SPEC then PHASE then CR number

CR	Rev	Cat	Plenary Doc	WG Doc	Source	Old	New	Phase	Subject	Comments	Status
25.101	***UE Radio transmission and reception (FDD)***										
040	1	F	RP-000204	R4-000477	R4	3.2.2	3.3.0	R99	A test for UE's SIR target setting in a call set up		**approved**
041	1	F	RP-000204	R4-000463	R4	3.2.2	3.3.0	R99	Reception of TPC commands in a soft handover		**approved**
042		F	RP-000204	R4-000337	R4	3.2.2	3.3.0	R99	DCH requirement for 64 kbps measurement channel in		**approved**
043		F	RP-000204	R4-000337	R4	3.2.2	3.3.0	R99	Power control in the downlink, constant BLER target		**approved**
044		F	RP-000204	R4-000337	R4	3.2.2	3.3.0	R99	Value update for 384 kbps measurement channel requirements		**approved**
045	1	F	RP-000204	R4-000337	R4	3.2.2	3.3.0	R99	CR for demodulation of DCH		**approved**
046		F	RP-000204	R4-000349	R4	3.2.2	3.3.0	R99	Correction for measurement channel in TS 25.101		**approved**
047		D	RP-000204	R4-000358	R4	3.2.2	3.3.0	R99	Editorial CR on section 8.6.3 of TS25.101 v3.2.0		**approved**
048		F	RP-000204	R4-000370	R4	3.2.2	3.3.0	R99	Correction of frequency numbering scheme		**approved**
049		F	RP-000204	R4-000518	R4	3.2.2	3.3.0	R99	Correction - Propagation conditions		**approved**
050		F	RP-000204	R4-000433	R4	3.2.2	3.3.0	R99	Compressed mode tests		**approved**
051		F	RP-000204	R4-000381	R4	3.2.2	3.3.0	R99	Correction of Out-of-sync criteria		**approved**
052		F	RP-000204	R4-000460	R4	3.2.2	3.3.0	R99	Editorial corrections for TS25.101.		**approved**
053		F	RP-000204	R4-000478	R4	3.2.2	3.3.0	R99	Clarification of the specification on Peak Code Domain Error		**approved**
054		F	RP-000204	R4-000534	R4	3.2.2	3.3.0	R99	Transients for uplink power steps		**approved**
055		F	RP-000204	R4-000527	R4	3.2.2	3.3.0	R99	Power setting for uplink compressed mode and RACH		**approved**
056		F	RP-000204	R4-000513	R4	3.2.2	3.3.0	R99	UE interfering signal definition		**approved**
057		F	RP-000204	R4-000516	R4	3.2.2	3.3.0	R99	Downlink Power Control, wind up effects		**approved**
058		F	RP-000204	R4-000487	R4	3.2.2	3.3.0	R99	Use of P-CPICH and S-CPICH for performance requirements		**approved**
059	1	F	RP-000204	R4-000517	R4	3.2.2	3.3.0	R99	Performance of Closed Loop Diversity mode 2 and Mode 1		**approved**
060		F	RP-000204	R4-000531	R4	3.2.2	3.3.0	R99	Removal of brackets from Inter-Cell SHO test case		**approved**
061		F	RP-000204	R4-000504	R4	3.2.2	3.3.0	R99	Editorial corrections on moving propagation conditions		**approved**
25.102	***UE Radio transmission and reception (TDD)***										
026		F	RP-000205	R4-000340	R4	3.2.0	3.3.0	R99	Correction of DL measurement channels for TDD-mode		**approved**
027		F	RP-000205	R4-000341	R4	3.2.0	3.3.0	R99	Reference Measurement Channel for UE Peak Code Domain		**approved**
028		F	RP-000205	R4-000345	R4	3.2.0	3.3.0	R99	Correction for Uplink power control		**approved**
029		F	RP-000205	R4-000457	R4	3.2.0	3.3.0	R99	UE TDD P-CCPCH Block STTD performance requirements		**approved**
030		F	RP-000205	R4-000344	R4	3.2.0	3.3.0	R99	Modification to the handling of UE TDD Measurement		**approved**
031		F	RP-000205	R4-000478	R4	3.2.0	3.3.0	R99	Clarification of the specification on Peak Code Domain Error		**approved**
25.104	***UTRA (BS) FDD; Radio transmission and reception***										
040		F	RP-000206	R4-000371	R4	3.2.0	3.3.0	R99	Correction of frequency numbering scheme		**approved**
041		F	RP-000206	R4-000352	R4	3.2.0	3.3.0	R99	Add requirements on SSDT from 5.1.1.8.		**approved**
042		F	RP-000206	R4-000436	R4	3.2.0	3.3.0	R99	Correction to Emission mask		**approved**
043		F	RP-000206	R4-000478	R4	3.2.0	3.3.0	R99	Clarification of the specification on Peak Code Domain Error		**approved**
044		D	RP-000206	R4-000382	R4	3.2.0	3.3.0	R99	Editorial changes, including definitions and abbreviations		**approved**
045		F	RP-000206	R4-000486	R4	3.2.0	3.3.0	R99	Reference Measurement Channels		**approved**
046		F	RP-000206	R4-000504	R4	3.2.0	3.3.0	R99	Editorial corrections on moving propagation conditions		**approved**
047		F	RP-000206	R4-000529	R4	3.2.0	3.3.0	R99	Conformance values for dynamic propagation conditions		**approved**
048		F	RP-000206	R4-000470	R4	3.2.0	3.3.0	R99	Alignment of measurement descriptions between 25.141 and		**approved**
25.105	***UTRA (BS) TDD: Radio transmission and reception***										
032		F	RP-000207	R4-000342	R4	3.2.0	3.3.0	R99	Reference Measurement Channels		**approved**
033		F	RP-000207	R4-000343	R4	3.2.0	3.3.0	R99	Regional requirements in TS 25.105		**approved**
034		F	RP-000207	R4-000368	R4	3.2.0	3.3.0	R99	Clarification of receiver dynamic range.		**approved**
035		F	RP-000207	R4-000369	R4	3.2.0	3.3.0	R99	Input power level for performance requirements		**approved**
036		F	RP-000207	R4-000344	R4	3.2.0	3.3.0	R99	Modification to the handling of UE TDD Measurement		**approved**
037		F	RP-000207	R4-000478	R4	3.2.0	3.3.0	R99	Clarification of the specification on Peak Code Domain Error		**approved**
038		F	RP-000207	R4-000521	R4	3.2.0	3.3.0	R99	Correction for emission mask measurement (TDD)		**approved**
25.113	***Base station EMC***										
004		F	RP-000208	R4-000379	R4	3.1.0	3.2.0	R99	Correction according to IEC and CISPR Standards		**approved**
25.123	***Requirements for support of radio resource management (TDD)***										
008		F	RP-000209	R4-000490	R4	3.1.1	3.2.0	R99	Correction of UTRAN 'Transmitted carrier power' accuracy		**approved**
009		F	RP-000209	R4-000400	R4	3.1.1	3.2.0	R99	Measurement reporting delay		**approved**
010		F	RP-000209	R4-000402	R4	3.1.1	3.2.0	R99	Update of UE SIR Measurements performance requirements		**approved**
011		F	RP-000209	R4-000403	R4	3.1.1	3.2.0	R99	UE Transport Channel BLER measurement		**approved**
012		F	RP-000209	R4-000406	R4	3.1.1	3.2.0	R99	Editorial corrections of 25.123		**approved**
013		F	RP-000209	R4-000484	R4	3.1.1	3.2.0	R99	Range and mapping in TS 25.123 (TDD)		**approved**
014		F	RP-000209	R4-000485	R4	3.1.1	3.2.0	R99	Requirement for UE Tx Power Measurement		**approved**
015		F	RP-000209	R4-000401	R4	3.1.1	3.2.0	R99	Addition of test parameters to RRM Measurements performance		**approved**
25.133	***Requirements for support of radio resource management (FDD)***										
010		F	RP-000210	R4-000337	R4	3.1.0	3.2.0	R99	Measurement period for UTRAN SIR		**approved**
011		F	RP-000210	R4-000337	R4	3.1.0	3.2.0	R99	Measurement period for UE BLER		**approved**
013		F	RP-000210	R4-000337	R4	3.1.0	3.2.0	R99	Measurement delay reporting		**approved**
015		F	RP-000210	R4-000456	R4	3.1.0	3.2.0	R99	Correction - Propagation conditions		**approved**
016		F	RP-000210	R4-000352	R4	3.1.0	3.2.0	R99	Remove requirements on SSDT from 5.1.1.8.		**approved**
017		F	RP-000210	R4-000408	R4	3.1.0	3.2.0	R99	Update of test parameters to P-CCPCH Measurements		**approved**
018		F	RP-000210	R4-000423	R4	3.1.0	3.2.0	R99	Repetition Period of System Information		**approved**
019		F	RP-000210	R4-000452	R4	3.1.0	3.2.0	R99	Alignment of Cell Selection/reselection test scenario parameters		**approved**
020		F	RP-000210	R4-000455	R4	3.1.0	3.2.0	R99	Editorial corrections for TS25.133		**approved**

CR	Rev	Cat	Plenary Doc	WG Doc	Source	Old	New	Phase	Subject	Comments	Status
021		F	RP-000210	R4-000464	R4	3.1.0	3.2.0	R99	Removal of Annex A		**approved**
022		F	RP-000210	R4-000493	R4	3.1.0	3.2.0	R99	Requirement for UE Tx Power Measurement		**approved**
023		F	RP-000210	R4-000494	R4	3.1.0	3.2.0	R99	Insertion of Range/Mapping from TS 25.215 revised		**approved**
024		F	RP-000210	R4-000505	R4	3.1.0	3.2.0	R99	Signalling response delay		**approved**
025		F	RP-000210	R4-000443	R4	3.1.0	3.2.0	R99	Missing measurement periods		**approved**
026		F	RP-000210	R4-000511	R4	3.1.0	3.2.0	R99	RRC Connection mobility in Cell_FACH, Cell_PCH and		**approved**
027		F	RP-000210	R4-000508	R4	3.1.0	3.2.0	R99	Switching delay requirement for inter-system handover		**approved**
028		F	RP-000210	R4-000510	R4	3.1.0	3.2.0	R99	UE Chip time measurements		**approved**
029		F	RP-000210	R4-000526	R4	3.1.0	3.2.0	R99	UE Transmit Timing Adjustment		**approved**
030		F	RP-000210	R4-000501	R4	3.1.0	3.2.0	R99	Add GPS timing measurements to TS 25.133		**approved**
031		F	RP-000210	R4-000538	R4	3.1.0	3.2.0	R99	Test scenario for UTRAN to GSM cell re-selection		**approved**
032		F	RP-000210	R4-000532	R4	3.1.0	3.2.0	R99	Proposed test case for random access procedure (FDD)		**approved**
033		F	RP-000210	R4-000427	R4	3.1.0	3.2.0	R99	Inclusion of measurement granularities and ranges		**approved**
034		F	RP-000210	R4-000536	R4	3.1.0	3.2.0	R99	Parallel measurement requirements		**approved**
035		F	RP-000210	R4-000540	R4	3.1.0	3.2.0	R99	UE Hard handover switching time		**approved**
25.141	***Base station conformance testing (FDD)***										
027		F	RP-000211	R4-000352	R4	3.1.0	3.2.0	R99	Add test specification on SSDT to 8.6.		**approved**
028		F	RP-000211	R4-000375	R4	3.1.0	3.2.0	R99	Synchronisation of signal generators		**approved**
029		F	RP-000211	R4-000437	R4	3.1.0	3.2.0	R99	Correction to Emission mask measurement		**approved**
030		F	RP-000211	R4-000478	R4	3.1.0	3.2.0	R99	Clarification of the specification on Peak Code Domain Error		**approved**
031		F	RP-000211	R4-000468	R4	3.1.0	3.2.0	R99	Performance requirements		**approved**
032		F	RP-000211	R4-000469	R4	3.1.0	3.2.0	R99	Frequency stability measurement using complex demodulation		**approved**
033		F	RP-000211	R4-000504	R4	3.1.0	3.2.0	R99	Editorial corrections on moving propagation conditions		**approved**
034		D	RP-000211	R4-000491	R4	3.1.0	3.2.0	R99	Editorial correction on Spurious emissions		**approved**
035		F	RP-000211	R4-000533	R4	3.1.0	3.2.0	R99	Corrections to the seed of P-CCPCH		**approved**
036		F	RP-000211	R4-000377	R4	3.1.0	3.2.0	R99	Data clock accuracy		**approved**
037		F	RP-000211	R4-000525	R4	3.1.0	3.2.0	R99	Corrections to several missing items and clarifications		**approved**
25.142	***Base station conformance testing (TDD)***										
013		F	RP-000212	R4-000346	R4	3.1.0	3.2.0	R99	UL Reference Measurement Channels		**approved**
014		F	RP-000212	R4-000343	R4	3.1.0	3.2.0	R99	Regional requirements in TS 25.142		**approved**
015		F	RP-000212	R4-000447	R4	3.1.0	3.2.0	R99	Conformance test description for receiver dynamic range.		**approved**
016		F	RP-000212	R4-000448	R4	3.1.0	3.2.0	R99	Correction of the interfering power level for performance		**approved**
017		F	RP-000212	R4-000347	R4	3.1.0	3.2.0	R99	Definitions of maximum output power and rated output power		**approved**
018		F	RP-000212	R4-000348	R4	3.1.0	3.2.0	R99	Correction of blocking requirements		**approved**
020		F	RP-000212	R4-000417	R4	3.1.0	3.2.0	R99	Conformance test description for modulation accuracy		**approved**
021		F	RP-000212	R4-000344	R4	3.1.0	3.2.0	R99	Modification to the handling of BS TDD Measurement		**approved**
022		F	RP-000212	R4-000478	R4	3.1.0	3.2.0	R99	Clarification of the specification on Peak Code Domain Error		**approved**
023		F	RP-000212	R4-000418	R4	3.1.0	3.2.0	R99	Relationship between RF generation and chip clock		**approved**
024		F	RP-000212	R4-000483	R4	3.1.0	3.2.0	R99	Correction on Receiver tests, terminating RX port		**approved**
025		F	RP-000212	R4-000479	R4	3.1.0	3.2.0	R99	Revision of Annex C: Global in-channel Tx test		**approved**
026		F	RP-000212	R4-000522	R4	3.1.0	3.2.0	R99	Conformance test description for spectrum emission mask		**approved**
027		F	RP-000212	R4-000523	R4	3.1.0	3.2.0	R99	Test connection definition		**approved**
25.201	***Physical layer -General Description***										
002		F	RP-000264	R1-000545	R1	3.0.2	3.1.0	R99	Corrections to align with TS 25.212 and TR 25.944		**approved**
003	1	F	RP-000264	R1-000659	R1	3.0.2	3.1.0	R99	Editorial corrections		**approved**
004		D	RP-000264	R1-000644	R1	3.0.2	3.1.0	R99	Physical layer information flow		**approved**
005	1	D	RP-000264	R1-000780	R1	3.0.2	3.1.0	R99	Preferred mathematical notation for editorial unity of L1		**approved**
25.211	***Physical channels and mapping of transport channels onto physical channels (FDD)***										
047	4	F	RP-000265	R1-000794	R1	3.2.0	3.3.0	R99	Clarifications to power control preamble sections		**approved**
048		B	RP-000265	R1-000577	R1	3.2.0	3.3.0	R99	Propagation delay for PCPCH		**approved**
049	1	C	RP-000265	R1-000563	R1	3.2.0	3.3.0	R99	PICH undefined bits and AICH, AP-ICH, CD/CA-ICH		**approved**
051	1	F	RP-000265	R1-000578	R1	3.2.0	3.3.0	R99	Bit value notation change for PICH and CSICH		**approved**
053	1	D	RP-000265	R1-000565	R1	3.2.0	3.3.0	R99	Revision of notes in sections 5.3.2 and 5.3.2.1		**approved**
054	5	F	RP-000265	R1-000793	R1	3.2.0	3.3.0	R99	Slot format clarification for CPCH		**approved**
055	3	F	RP-000265	R1-000781	R1	3.2.0	3.3.0	R99	Physical channel nomenclature in FDD		**approved**
056	3	F	RP-000265	R1-000753	R1	3.2.0	3.3.0	R99	Clarification for the PDSCH channelisation code association with		**approved**
057	2	F	RP-000265	R1-000795	R1	3.2.0	3.3.0	R99	Slot formats for downlink power control preambles		**approved**
058		D	RP-000265	R1-000697	R1	3.2.0	3.3.0	R99	Clarification of spreading factor for AICH		**approved**
059	2	F	RP-000265	R1-000792	R1	3.2.0		R99	Correction to timing of DPCH initialisation		**postponed**
060		D	RP-000265	R1-000719	R1	3.2.0	3.3.0	R99	Explicit mention of slot format reconfiguration also for uplink		**approved**
25.212	***Multiplexing and channel coding (FDD)***										
066	1	F	RP-000266	R1-000585	R1	3.2.0	3.3.0	R99	Section 4.4.5 and table 9 is moved to informative annex		**approved**
068		D	RP-000266	R1-000539	R1	3.2.0	3.3.0	R99	Editorial modifications of 25.212		**approved**
069		F	RP-000266	R1-000541	R1	3.2.0	3.3.0	R99	Removal of BTFD for flexible positions in Release 99		**approved**
070	1	D	RP-000266	R1-000560	R1	3.2.0	3.3.0	R99	Editorial modifications		**approved**
071	1	F	RP-000266	R1-000572	R1	3.2.0	3.3.0	R99	Corrections and editorial modifications of 25.212 for 2nd		**approved**
072	4	F	RP-000266	R1-000735	R1	3.2.0	3.3.0	R99	Corrections to 25.212 (Rate Matching, p-bit insertion, PhCH		**approved**
073		F	RP-000266	R1-000634	R1	3.2.0	3.3.0	R99	Editorial correction in 25.212 coding/multiplexing		**approved**
074	2	D	RP-000266	R1-000716	R1	3.2.0	3.3.0	R99	Bit separation of the Turbo encoded data		**approved**
076	1	D	RP-000266	R1-000723	R1	3.2.0	3.3.0	R99	Revision of code block segmentation description		**approved**
077		F	RP-000266	R1-000657	R1	3.2.0	3.3.0	R99	Clarifications for TFCI coding		**approved**
078	2	F	RP-000266	R1-000775	R1	3.2.0	3.3.0	R99	Clarifying the rate matching parameter setting for the RACH		**approved**
080		F	RP-000266	R1-000706	R1	3.2.0	3.3.0	R99	Clarification on BTFD utilisation (single CCTrCH)		**approved**
081		F	RP-000266	R1-000741	R1	3.2.0	3.3.0	R99	Correction of order of checking TFC during flexible position RM		**approved**
082		F	RP-000266	R1-000743	R1	3.2.0	3.3.0	R99	Editorial corrections in channel coding section		**approved**
083		F	RP-000266	R1-000744	R1	3.2.0	3.3.0	R99	Correction for bit separation and bit collection		**approved**
084	1	F	RP-000266	R1-000776	R1	3.2.0	3.3.0	R99	Correction on the spreading factor selection for the RACH		**approved**
25.213	***Spreading and modulation (FDD)***										
033		F	RP-000267	R1-000559	R1	3.2.0	3.3.0	R99	Clarifications to power control preamble sections		**approved**
034	2	D	RP-000267	R1-000711	R1	3.2.0	3.3.0	R99	Numbering of the PCPCH access preamble and collision		**approved**
035		F	RP-000267	R1-000549	R1	3.2.0	3.3.0	R99	DPDCH/DPCCH gain factors		**approved**

CR	Rev	Cat	Plenary Doc	WG Doc	Source	Old	New	Phase	Subject	Comments	Status
25.214	***FDD; physical layer procedures***										
084		B	RP-000268	R1-000499	R1	3.2.0	3.3.0	R99	Addition of CSICH power parameter		**approved**
085		F	RP-000268	R1-000500	R1	3.2.0	3.3.0	R99	Correction to power control in compressed mode recovery		**approved**
086	1	F	RP-000268	R1-000566	R1	3.2.0	3.3.0	R99	Revisions to power control for CPCH		**approved**
087		F	RP-000268	R1-000502	R1	3.2.0	3.3.0	R99	Corrections to uplink DCH power control sections		**approved**
090	3	C	RP-000268	R1-000726	R1	3.2.0	3.3.0	R99	Level of specification of downlink power control		**approved**
091	1	F	RP-000268	R1-000564	R1	3.2.0	3.3.0	R99	Clarification of TX diversity power setting		**approved**
092		C	RP-000268	R1-000563	R1	3.2.0	3.3.0	R99	PICH undefined bits		**approved**
095	1	F	RP-000268	R1-000761	R1	3.2.0	3.3.0	R99	DPDCH/DPCCH gain factors		**approved**
096	3	F	RP-000268	R1-000787	R1	3.2.0	3.3.0	R99	Correction to RACH subchannel definition		**approved**
097	1	F	RP-000268	R1-000588	R1	3.2.0	3.3.0	R99	The power setting of the CCC field of DL DPCCH for CPCH		**approved**
098	4	B	RP-000268	R1-000799	R1	3.2.0	3.3.0	R99	Procedure for end of transmission indicator in CPCH		**approved**
099		C	RP-000268	R1-000607	R1	3.2.0	3.3.0	R99	Downlink inner-loop power control in compressed mode		**approved**
100		F	RP-000268	R1-000617	R1	3.2.0	3.3.0	R99	Definition of vector transmission weight entity		**approved**
101	1	C	RP-000268	R1-000783	R1	3.2.0	3.3.0	R99	Number of slots for DPCCH power control preamble		**approved**
102		F	RP-000268	R1-000658	R1	3.2.0	3.3.0	R99	Clarification of UTRAN Tx diversity reponse timing description		**approved**
103	2	F	RP-000268	R1-000742	R1	3.2.0	3.3.0	R99	Corrections to transmit diversity section		**approved**
104	1	F	RP-000268	R1-000762	R1	3.2.0	3.3.0	R99	Corrections to uplink power control in compressed mode		**approved**
105		F	RP-000268	R1-000699	R1	3.2.0	3.3.0	R99	Clarification of downlink power control mode		**approved**
106		F	RP-000268	R1-000700	R1	3.2.0	3.3.0	R99	Clarification of radio link set		**approved**
107	1	C	RP-000268	R1-000725	R1	3.2.0	3.3.0	R99	Clarification of radio link synchronisation procedure		**approved**
108		F	RP-000269	R1-000718	R1	3.2.0	3.3.0	R99	Correctly quantized gainfactors for uplink compressed mode		**approved**
25.215	***Physical layer; Measurements (FDD)***										
049	1	B	RP-000270	R1-000577	R1	3.2.0	3.3.0	R99	Propagation delay for PCPCH		**approved**
050	1	C	RP-000270	R1-000548	R1	3.2.0	3.3.0	R99	Maximum number of simultaneous compressed mode pattern		**approved**
051	1	F	RP-000270	R1-000568	R1	3.2.0	3.3.0	R99	Clarification of Physical channel BER		**approved**
052		F	RP-000270	R1-000526	R1	3.2.0	3.3.0	R99	Clarification of transmitted code power		**approved**
053		F	RP-000270	R1-000527	R1	3.2.0	3.3.0	R99	Editorial correction in TS 25.215		**approved**
055		B	RP-000270	R1-000581	R1	3.2.0	3.3.0	R99	Proposed CR for Measurements of RACH in FDD		**approved**
056		B	RP-000270	R1-000582	R1	3.2.0	3.3.0	R99	Proposed CR for Measurements of CPCH in FDD		**approved**
057		F	RP-000270	R1-000585	R1	3.2.0	3.3.0	R99	Transfer of information from TS 25.212 table 9 to TS 25.215		**approved**
058		F	RP-000270	R1-000599	R1	3.2.0	3.3.0	R99	Correction to CM parameter list		**approved**
062		F	RP-000270	R1-000703	R1	3.2.0	3.3.0	R99	Clarification of radio link		**approved**
063		F	RP-000270	R1-000704	R1	3.2.0	3.3.0	R99	Clarification of the Transmitted code power measurement in Tx		**approved**
064	1	F	RP-000270	R1-000767	R1	3.2.0	3.3.0	R99	Removal of Range/mapping		**approved**
066		F	RP-000270	R1-000797	R1	3.2.0	3.3.0	R99	Removal of UTRAN TrCH BLER measurement		**approved**
25.221	***Physical channels and mapping of transport channels onto physical channels (TDD)***										
018	1	D	RP-000271	R1-000629	R1	3.2.0	3.3.0	R99	Removal of the reference to ODMA		**approved**
019		D	RP-000271	R1-000463	R1	3.2.0	3.3.0	R99	Editorial changes in transport channels section		**approved**
020	1	F	RP-000271	R1-000583	R1	3.2.0	3.3.0	R99	TPC transmission for TDD		**approved**
021		D	RP-000271	R1-000628	R1	3.2.0	3.3.0	R99	Editorial modification of 25.221		**approved**
023		D	RP-000271	R1-000651	R1	3.2.0	3.3.0	R99	Clarifications on TxDiversity for UTRA TDD		**approved**
024		F	RP-000271	R1-000654	R1	3.2.0	3.3.0	R99	Clarifications on PCH and PICH in UTRA TDD		**approved**
25.222	***Multiplexing and channel coding (TDD)***										
030		B	RP-000272	R1-000464	R1	3.2.1	3.3.0	R99	Parity bit attachment to 0 size transport block		**approved**
031		F	RP-000272	R1-000465	R1	3.2.1	3.3.0	R99	Correction of the mapping formula		**approved**
034		F	RP-000272	R1-000513	R1	3.2.1	3.3.0	R99	Alignment of Multiplexing for TDD		**approved**
036	2	D	RP-000272	R1-000716	R1	3.2.1	3.3.0	R99	Bit separation of the Turbo encoded data		**approved**
038	2	D	RP-000272	R1-000751	R1	3.2.1	3.3.0	R99	Revision of code block segmentation description		**approved**
039		F	RP-000272	R1-000743	R1	3.2.1	3.3.0	R99	Editorial corrections in channel coding section		**approved**
25.223	***Spreading and modulation (TDD)***										
008		D	RP-000273	R1-000512	R1	3.2.0	3.3.0	R99	Editorial Modifications for 25.223		**approved**
009		D	RP-000273	R1-000630	R1	3.2.0	3.3.0	R99	Editorial modification of 25.223		**approved**
010		D	RP-000273	R1-000631	R1	3.2.0	3.3.0	R99	Editorial modification of 25.223		**approved**
011	2	D	RP-000273	R1-000717	R1	3.2.0	3.3.0	R99	Editorial modification of 25.223		**approved**
012	2	F	RP-000273	R1-000779	R1	3.2.0	3.3.0	R99	Modified code sets on SCH for cell search in UTRA TDD		**approved**
013	1	D	RP-000273	R1-000748	R1	3.2.0	3.3.0	R99	Editorial update of TS25.223		**approved**
25.224	***TDD; physical layer procedures***										
016		D	RP-000274	R1-000466	R1	3.2.0	3.3.0	R99	Editorial correction for the power control section in 25.224		**approved**
017		F	RP-000274	R1-000511	R1	3.2.0	3.3.0	R99	Power control for TDD during DTX		**approved**
018	1	F	RP-000274	R1-000584	R1	3.2.0	3.3.0	R99	Power Control for PDSCH		**approved**
020	1	D	RP-000274	R1-000729	R1	3.2.0	3.3.0	R99	Editorial modification of 25.224		**approved**
021		D	RP-000274	R1-000652	R1	3.2.0	3.3.0	R99	Clarifications on TxDiversity for UTRA TDD		**approved**
022	1	F	RP-000274	R1-000728	R1	3.2.0	3.3.0	R99	Introduction of the TDD DSCH detection procedure in TS 25.224		**approved**
023		C	RP-000274	R1-000777	R1	3.2.0	3.3.0	R99	Downlink power control on timeslot basis		**approved**
25.225	***Physical layer; Measurements (TDD)***										
009		F	RP-000275	R1-000653	R1	3.2.0	3.3.0	R99	Clarifications on TxDiversity for UTRA TDD		**approved**
010		F	RP-000275	R1-000724	R1	3.2.0	3.3.0	R99	Removal of Range/mapping		**approved**
011		F	RP-000275	R1-000801	R1	3.2.0	3.3.0	R99	Removal of transport channel BLER		**approved**
25.301	***Radio Interface Protocol Architecture***										
036	2	F	RP-000214	R2-000898	R2	3.4.0	3.5.0	R99	Ciphering related corrections		**approved**
037		F	RP-000214	R2-001001	R2	3.4.0	3.5.0	R99	Clarification of ciphering parameters		**approved**
038	1	D	RP-000214	R2-001145	R2	3.4.0	3.5.0	R99	Signalling radio bearers		**approved**
040		D	RP-000214	R2-001185	R2	3.4.0	3.5.0	R99	Replacement of duplicated information on ciphering description		**approved**

CR	Rev	Cat	Plenary Doc	WG Doc	Source	Old	New	Phase	Subject	Comments	Status
25.302	***Services provided by the physical layer***										
049	1	C	RP-000215	R2-000870	R2	3.4.0	3.5.0	R99	Maximum number of simultaneous compressed mode pattern		**approved**
050	1	C	RP-000215	R2-000877	R2	3.4.0	3.5.0	R99	Removal of CPICH SIR measurement quantity		**approved**
051		F	RP-000215	R2-000801	R2	3.4.0	3.5.0	R99	Measurements		**approved**
052	1	B	RP-000215	R2-000890	R2	3.4.0	3.5.0	R99	End of CPCH transmission		**approved**
053	1	F	RP-000215	R2-001025	R2	3.4.0	3.5.0	R99	Measurements of RACH and CPCH		**approved**
056		F	RP-000215	R2-000849	R2	3.4.0	3.5.0	R99	Editorial modification on Transport Block Size		**approved**
057	3	F	RP-000215	R2-000941	R2	3.4.0	3.5.0	R99	CPCH correction		**approved**
058	1	C	RP-000215	R2-001151	R2	3.4.0	3.5.0	R99	SFN Transmission Rate and the Need to Maintain CFN in TDD		**approved**
059		F	RP-000215	R2-001085	R2	3.4.0	3.5.0	R99	Addition of out-of-sync-configuration control primitives		**approved**
060		C	RP-000215	R2-001129	R2	3.4.0	3.5.0	R99	Addition of propagation delay measurement		**approved**
061	2	F	RP-000215	R2-001221	R2	3.4.0	3.5.0	R99	Layer 1 LCS measurements		**approved**
062	1	D	RP-000215	R2-001154	R2	3.4.0	3.5.0	R99	Refinement of the definition of a Transport Block		**approved**
063	1	F	RP-000215	R2-001153	R2	3.4.0	3.5.0	R99	Corrections of CPCH Emergency stop and start of message		**approved**
064		F	RP-000215	R2-001225	R2	3.4.0	3.5.0	R99	BLER		**approved**
25.303	***UE functions and inter-layer procedures in connected mode***										
029		F	RP-000216	R2-000762	R2	3.3.0	3.4.0	R99	Corrections to L2 link management and radio link setup in		**approved**
030		F	RP-000216	R2-000763	R2	3.3.0	3.4.0	R99	Alignment of FDD downlink shared channel descriptions with		**approved**
031	1	B	RP-000216	R2-000971	R2	3.3.0	3.4.0	R99	End of CPCH transmission		**approved**
033		F	RP-000216	R2-001086	R2	3.3.0	3.4.0	R99	Out-of-synch corrections		**approved**
034		D	RP-000216	R2-001143	R2	3.3.0	3.4.0	R99	Traffic Volume Monitoring		**approved**
25.304	***UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode***										
025		F	RP-000217	R2-000766	R2	3.2.0	3.3.0	R99	Triggering of inter-system measurements for cell re-selection		**approved**
026	5	F	RP-000217	R2-001272	R2	3.2.0	3.3.0	R99	Cell re-selection		**approved**
027	4	F	RP-000217	R2-001149	R2	3.2.0	3.3.0	R99	Access Control		**approved**
028		F	RP-000217	R2-000804	R2	3.2.0	3.3.0	R99	Downlink signalling failure		**approved**
029		C	RP-000217	R2-000805	R2	3.2.0	3.3.0	R99	Cell-reselection parameter signalling		**approved**
030		C	RP-000217	R2-000850	R2	3.2.0	3.3.0	R99	Cell Selection and Reselection		**approved**
031	1	F	RP-000217	R2-000883	R2	3.2.0	3.3.0	R99	CN DRX cycle coefficient		**approved**
25.305	***Stage 2 Functional Specification of Location Services in UTRAN (LCS)***										
013	2	C	RP-000218	R2-000913	R2	3.1.0	3.2.0	R99	Modifications to LCS text on cell-ID method		**approved**
015		D	RP-000218	R2-000831	R2	3.1.0	3.2.0	R99	Editorial modifications of OTDOA descriptions for alignment		**approved**
016		C	RP-000218	R2-000869	R2	3.1.0	3.2.0	R99	Update on clause 5		**approved**
017	1	D	RP-000218	R2-001150	R2	3.1.0	3.2.0	R99	Editorial additions		**approved**
018		D	RP-000218	R2-001136	R2	3.1.0	3.2.0	R99	Clarification of OTDOA signalling operation		**approved**
019	1	D	RP-000218	R2-001222	R2	3.1.0	3.2.0	R99	Assisted GPS procedures		**approved**
25.321	***Medium Access Control (MAC) Protocol Specification***										
042		F	RP-000219	R2-000725	R2	3.3.0	3.4.0	R99	CPCH correction		**approved**
043	1	B	RP-000219	R2-000972	R2	3.3.0	3.4.0	R99	End of CPCH transmission		**approved**
044	2	F	RP-000219	R2-001270	R2	3.3.0	3.4.0	R99	Clarification of prioritisation of logical channels in UE		**approved**
045	1	F	RP-000219	R2-001155	R2	3.3.0	3.4.0	R99	CPCH MAC procedures		**approved**
046		D	RP-000219	R2-001144	R2	3.3.0	3.4.0	R99	Traffic Volume Measurement for dynamic radio bearer control		**approved**
25.322	***Radio Link Control (RLC) Protocol Specification***										
038		F	RP-000220	R2-000757	R2	3.2.0	3.3.0	R99	Corrections to RLC		**approved**
039		C	RP-000220	R2-000768	R2	3.2.0	3.3.0	R99	Correction to the description of the MRW SUFI fields		**approved**
040	1	D	RP-000220	R2-000942	R2	3.2.0	3.3.0	R99	Editorial corrections to length indicators and local suspend rate		**approved**
041	4	C	RP-000220	R2-001237	R2	3.2.0	3.3.0	R99	Clarification of the RESET PDU		**approved**
043	1	F	RP-000220	R2-001235	R2	3.2.0	3.3.0	R99	Clarification of RLC/MAC interaction		**approved**
044	2	F	RP-000220	R2-001239	R2	3.2.0	3.3.0	R99	General RLC corrections		**approved**
045		F	RP-000220	R2-001007	R2	3.2.0	3.3.0	R99	Clarification of RLC Transparent Mode operation		**approved**
048		D	RP-000220	R2-001075	R2	3.2.0	3.3.0	R99	Editorial corrections to abbreviations, SCCH, BCCH		**approved**
052		D	RP-000220	R2-001140	R2	3.2.0	3.3.0	R99	Updated RLC SDL		**approved**
053		F	RP-000220	R2-001141	R2	3.2.0	3.3.0	R99	Correction to RLC		**approved**
055		D	RP-000220	R2-001196	R2	3.2.0	3.3.0	R99	RLC Logical Channel mapping		**approved**
057		F	RP-000220	R2-001244	R2	3.2.0	3.3.0	R99	Correction of EPC timer mechanism		**approved**
25.323	***Packet Data Convergence Protocol (PDCP) protocol***										
006	4	F	RP-000221	R2-001238	R2	3.1.0	3.2.0	R99	Changes in PDCP PDU format due to PDCP sequence		**approved**
25.331	***Radio Resource Control (RRC) Protocol Specification***										
228	5	C	RP-000222	R2-001216	R2	3.2.0	3.3.0	R99	Downlink power control in compressed mode		**approved**
260	1	D	RP-000222	R2-000823	R2	3.2.0	3.3.0	R99	Clarification on physical channel allocations in TDD		**approved**
261	4	C	RP-000222	R2-000903	R2	3.2.0	3.3.0	R99	TDD Measurements and Reporting		**approved**
262	4	F	RP-000222	R2-000996	R2	3.2.0	3.3.0	R99	Signalling of IEs related to System Information on FACH		**approved**
265	3	F	RP-000222	R2-001113	R2	3.2.0	3.3.0	R99	Transport Format Combination Control		**approved**
269	1	C	RP-000222	R2-001093	R2	3.2.0	3.3.0	R99	Signalling of partial failure in radio bearer related procedures		**approved**
275		C	RP-000222	R2-000722	R2	3.2.0	3.3.0	R99	Clarification on PDCP info		**approved**
279		D	RP-000222	R2-000731	R2	3.2.0	3.3.0	R99	Editorial modification on Transport Ch capability		**approved**
280		D	RP-000222	R2-000732	R2	3.2.0	3.3.0	R99	Editorial modification on CN IE		**approved**
281	3	F	RP-000222	R2-001227	R2	3.2.0	3.3.0	R99	Editorial modification on Physical CH IE		**approved**
282	1	F	RP-000222	R2-001043	R2	3.2.0	3.3.0	R99	Editorial modification on ASN.1 description		**approved**
283	1	F	RP-000222	R2-000974	R2	3.2.0	3.3.0	R99	IEs on SIB5/6		**approved**
285	2	C	RP-000222	R2-001044	R2	3.2.0	3.3.0	R99	Re-establishment timer		**approved**
286	1	F	RP-000222	R2-000918	R2	3.2.0	3.3.0	R99	CN DRX cycle coefficient		**approved**
287	1	C	RP-000222	R2-000919	R2	3.2.0	3.3.0	R99	Cell Access Restriction		**approved**
288	1	F	RP-000222	R2-000921	R2	3.2.0	3.3.0	R99	Cell selection and re-selection parameters		**approved**
289	2	C	RP-000222	R2-001046	R2	3.2.0	3.3.0	R99	Modification on Measurement IE		**approved**
291	1	F	RP-000222	R2-000975	R2	3.2.0	3.3.0	R99	RACH Transmission parameters		**approved**
292	1	F	RP-000222	R2-000976	R2	3.2.0	3.3.0	R99	SCCPCH System Info		**approved**
293	1	F	RP-000222	R2-000977	R2	3.2.0	3.3.0	R99	Addition of HFN for RRC CONNECTION		**approved**
294	1	B	RP-000223	R2-000925	R2	3.2.0	3.3.0	R99	RLC reconfiguration indicator		**approved**
296	3	C	RP-000223	R2-001208	R2	3.2.0	3.3.0	R99	RLC Info		**approved**
297	1	C	RP-000223	R2-000979	R2	3.2.0	3.3.0	R99	Usage of Transport CH ID		**approved**

CR	Rev	Cat	Plenary Doc	WG Doc	Source	Old	New	Phase	Subject	Comments	Status
298	2	C	RP-000223	R2-001048	R2	3.2.0	3.3.0	R99	Transport format combination set		**approved**
300	1	F	RP-000223	R2-000934	R2	3.2.0	3.3.0	R99	Usage of U-RNTI and C-RNTI in DL DCCH message		**approved**
301		C	RP-000223	R2-000753	R2	3.2.0	3.3.0	R99	Description of Cell Update Procedure		**approved**
304	1	F	RP-000223	R2-000980	R2	3.2.0	3.3.0	R99	System information modification procedure		**approved**
305		D	RP-000223	R2-000772	R2	3.2.0	3.3.0	R99	Functional descriptions of the RRC messages		**approved**
306		F	RP-000223	R2-000773	R2	3.2.0	3.3.0	R99	Clarification of CTFC calculation		**approved**
307	3	C	RP-000223	R2-001213	R2	3.2.0	3.3.0	R99	Compressed mode parameters		**approved**
309	2	B	RP-000223	R2-001209	R2	3.2.0	3.3.0	R99	Signalling procedure for periodic local authentication		**approved**
310	5	F	RP-000223	R2-001274	R2	3.2.0	3.3.0	R99	Editorial corrections on security		**approved**
311	2	D	RP-000223	R2-000984	R2	3.2.0	3.3.0	R99	Security capability		**approved**
312	1	F	RP-000223	R2-000899	R2	3.2.0	3.3.0	R99	Corrections on ASN.1 definitions		**approved**
313	2	F	RP-000223	R2-001126	R2	3.2.0	3.3.0	R99	DRX cycle lower limit		**approved**
314	1	C	RP-000223	R2-000988	R2	3.2.0	3.3.0	R99	Removal of CPICH SIR measurement quantity		**approved**
315	1	B	RP-000223	R2-000986	R2	3.2.0	3.3.0	R99	Signalling connection release request		**approved**
318	1	C	RP-000223	R2-000987	R2	3.2.0	3.3.0	R99	Change to IMEI coding from BCD to hexadecimal		**approved**
319	1	F	RP-000223	R2-000902	R2	3.2.0	3.3.0	R99	Removal of RLC sequence numbers from RRC initialisation		**approved**
320	3	B	RP-000223	R2-000989	R2	3.2.0	3.3.0	R99	Addition of the length of PDCP sequence numbers into PDCP		**approved**
323	1	F	RP-000224	R2-000950	R2	3.2.0	3.3.0	R99	BSIC verification of GSM cells		**approved**
324		F	RP-000224	R2-000808	R2	3.2.0	3.3.0	R99	Reporting cell status		**approved**
325		F	RP-000224	R2-000809	R2	3.2.0	3.3.0	R99	RRC measurement filtering parameters		**approved**
326		C	RP-000224	R2-000810	R2	3.2.0	3.3.0	R99	Cell-reselection parameter signalling		**approved**
328	3	F	RP-000224	R2-001289	R2	3.2.0	3.3.0	R99	Multiplicity values		**approved**
329		F	RP-000224	R2-000813	R2	3.2.0	3.3.0	R99	Quality measurements		**approved**
330	4	F	RP-000224	R2-001168	R2	3.2.0	3.3.0	R99	CPCH Status Indication mode correction		**approved**
331	4	F	RP-000224	R2-001273	R2	3.2.0	3.3.0	R99	End of CPCH transmission		**approved**
332		F	RP-000224	R2-000822	R2	3.2.0	3.3.0	R99	Handover to UTRAN procedure		**approved**
333		D	RP-000224	R2-000825	R2	3.2.0	3.3.0	R99	Harmonisation of access service classes in FDD and TDD		**approved**
334	1	F	RP-000224	R2-001076	R2	3.2.0	3.3.0	R99	Correction to usage of primary CCPCH info and primary		**approved**
335		F	RP-000224	R2-000827	R2	3.2.0	3.3.0	R99	Corrections and clarifications on system information handling		**approved**
336		F	RP-000224	R2-000828	R2	3.2.0	3.3.0	R99	Editorial corrections		**approved**
337	1	D	RP-000224	R2-000951	R2	3.2.0	3.3.0	R99	Editorial corrections on uplink timing advance		**approved**
339		F	RP-000224	R2-000859	R2	3.2.0	3.3.0	R99	Correction of Transport Format Combination tabular format and		**approved**
340	1	D	RP-000224	R2-001010	R2	3.2.0	3.3.0	R99	UE variables		**approved**
342	1	F	RP-000224	R2-001011	R2	3.2.0	3.3.0	R99	General error handling		**approved**
344	1	C	RP-000224	R2-001114	R2	3.2.0	3.3.0	R99	System Information extensibility in ASN.1 definitions		**approved**
345		D	RP-000224	R2-000900	R2	3.2.0	3.3.0	R99	Usage of pilot bits		**approved**
346	3	C	RP-000224	R2-001163	R2	3.2.0	3.3.0	R99	RRC connection release procedure		**approved**
347	1	F	RP-000225	R2-000952	R2	3.2.0	3.3.0	R99	Alignment of Section 10.3 on methodology defined in 25.921		**approved**
348		F	RP-000225	R2-000926	R2	3.2.0	3.3.0	R99	Modifications of cell (re)selection parameters		**approved**
350	1	C	RP-000225	R2-001164	R2	3.2.0	3.3.0	R99	GPS time-of-week represented as seconds and fractions of		**approved**
351	2	F	RP-000225	R2-001261	R2	3.2.0	3.3.0	R99	CPCH corrections		**approved**
352		D	RP-000225	R2-001012	R2	3.2.0	3.3.0	R99	PLMN type selection		**approved**
353	3	F	RP-000225	R2-001290	R2	3.2.0	3.3.0	R99	Paging and establishment cause values		**approved**
354		F	RP-000225	R2-001014	R2	3.2.0	3.3.0	R99	Common channel configurations		**approved**
355	2	F	RP-000225	R2-001262	R2	3.2.0	3.3.0	R99	Clarification of prioritisation of logical channels in UE		**approved**
357	2	F	RP-000225	R2-001255	R2	3.2.0	3.3.0	R99	UE capability corrections		**approved**
358	2	F	RP-000225	R2-001275	R2	3.2.0	3.3.0	R99	Clarification of HFN		**approved**
359	3	F	RP-000225	R2-001276	R2	3.2.0	3.3.0	R99	Clarification of Integrity Protection		**approved**
360	1	F	RP-000225	R2-001171	R2	3.2.0	3.3.0	R99	RRC message size optimisation regarding TrCH parameters		**approved**
361		F	RP-000225	R2-001021	R2	3.2.0	3.3.0	R99	Protocol extensions in ASN		**approved**
362	1	D	RP-000225	R2-001252	R2	3.2.0	3.3.0	R99	Downloading of pre- defined configurations via SIB 16		**approved**
363	1	F	RP-000225	R2-001173	R2	3.2.0	3.3.0	R99	Optimisation of System Information		**approved**
364	1	F	RP-000225	R2-001175	R2	3.2.0	3.3.0	R99	CPCH gain factor		**approved**
368	2	C	RP-000225	R2-001176	R2	3.2.0	3.3.0	R99	SFN Transmission Rate in TDD Mode		**approved**
371	1	F	RP-000225	R2-001177	R2	3.2.0	3.3.0	R99	Integrity Control		**approved**
372		C	RP-000225	R2-001050	R2	3.2.0	3.3.0	R99	Modification to measurement event evaluation		**approved**
373		D	RP-000225	R2-001051	R2	3.2.0	3.3.0	R99	System Information related parameters		**approved**
375	1	F	RP-000226	R2-001178	R2	3.2.0	3.3.0	R99	Changes in RB mapping info		**approved**
377		D	RP-000226	R2-001063	R2	3.2.0	3.3.0	R99	Editorial corrections to PRACH system information and Cell info		**approved**
378		D	RP-000226	R2-001064	R2	3.2.0	3.3.0	R99	Editorial Corrections to 25.331 Procedures and Tabular Format		**approved**
379	1	F	RP-000226	R2-001179	R2	3.2.0	3.3.0	R99	Corrections to figures and procedures for the failure cases		**approved**
380		F	RP-000226	R2-001066	R2	3.2.0	3.3.0	R99	Corrections on use of ORDERED_CONFIG		**approved**
382	1	F	RP-000226	R2-001180	R2	3.2.0	3.3.0	R99	Corrections to Transport Channel and RB Reconfiguration		**approved**
383	1	F	RP-000226	R2-001181	R2	3.2.0	3.3.0	R99	Corrections to INITIAL DIRECT TRANSFER and UE		**approved**
384		F	RP-000226	R2-001070	R2	3.2.0	3.3.0	R99	Corrections to Transparent mode signalling info Tabular format		**approved**
385		C	RP-000226	R2-001071	R2	3.2.0	3.3.0	R99	Corrections to Soft Handover messages and procedures		**approved**
387		F	RP-000226	R2-001073	R2	3.2.0	3.3.0	R99	Corrections to RRC CONNECTION REJECT procedures		**approved**
388	1	F	RP-000226	R2-001202	R2	3.2.0	3.3.0	R99	Transport format combination in TDD and Transport channel ID		**approved**
389	1	F	RP-000226	R2-001203	R2	3.2.0	3.3.0	R99	Signalling for dynamic TTI in TDD		**approved**
390	1	B	RP-000226	R2-001204	R2	3.2.0	3.3.0	R99	Usage of DCCH for Shared Channel Allocation message		**approved**
391	1	F	RP-000226	R2-001182	R2	3.2.0	3.3.0	R99	Correction to physical channel IEs in TDD		**approved**
392	1	F	RP-000226	R2-001205	R2	3.2.0	3.3.0	R99	TDD preconfiguration for Handover to UTRAN		**approved**
393		F	RP-000226	R2-001095	R2	3.2.0	3.3.0	R99	Corrections to measurement control descriptions and messages		**approved**
394	1	F	RP-000226	R2-001206	R2	3.2.0	3.3.0	R99	Corrections on ASN.1 definitions		**approved**
395		C	RP-000226	R2-001097	R2	3.2.0	3.3.0	R99	Addition of the Segmentation indication field for transparent		**approved**
396	1	C	RP-000226	R2-001281	R2	3.2.0	3.3.0	R99	Radio Bearer identity for CCCH		**approved**
397	1	C	RP-000226	R2-001253	R2	3.2.0	3.3.0	R99	ASN.1 definitions for RRC information between network nodes		**approved**
398	1	F	RP-000227	R2-001183	R2	3.2.0	3.3.0	R99	NAS Routing		**approved**
399		C	RP-000227	R2-001116	R2	3.2.0	3.3.0	R99	DPCCH power control preamble		**approved**
400	2	C	RP-000227	R2-001271	R2	3.2.0	3.3.0	R99	Modifications of Assisted GPS Messages		**approved**
401		F	RP-000227	R2-001118	R2	3.2.0	3.3.0	R99	Choice of Initial UE Identity		**approved**
402		F	RP-000227	R2-001119	R2	3.2.0	3.3.0	R99	ANSI-41 information elements		**approved**
404	1	F	RP-000227	R2-001243	R2	3.2.0	3.3.0	R99	RLC value ranges		**approved**
408	1	C	RP-000227	R2-001277	R2	3.2.0	3.3.0	R99	HFN Reset		**approved**
409	1	B	RP-000227	R2-001278	R2	3.2.0	3.3.0	R99	Clarification on ciphering parameters and integrity protection		**approved**

CR	Rev	Cat	Plenary Doc	WG Doc	Source	Old	New	Phase	Subject	Comments	Status
410	1	C	RP-000227	R2-001256	R2	3.2.0	3.3.0	R99	Clarification of compressed mode activation and configuration		**approved**
412	1	C	RP-000227	R2-001263	R2	3.2.0	3.3.0	R99	Modification of the RLC Size IE		**approved**
414		F	RP-000227	R2-001233	R2	3.2.0	3.3.0	R99	CPCH DL Power control		**approved**
415	1	F	RP-000227	R2-001282	R2	3.2.0	3.3.0	R99	SFN measurements in TDD		**approved**
25.401	***UTRAN Overall Description***										
008	1	C	RP-000231	R3-001115	R3	3.2.0	3.3.0	R99	Introduction of RLS in 25.401		**approved**
009	1	F	RP-000231	R3-001114	R3	3.2.0	3.3.0	R99	Change of cell definition		**approved**
010	2	F	RP-000231	R3-001240	R3	3.2.0	3.3.0	R99	Redefinition of coordinated DCHs		**approved**
25.402	***Synchronisation in UTRAN Stage 2***										
006	2	F	RP-000232	R3-001244	R3	3.1.0	3.2.0	R99	Clarification to section 9		**approved**
25.412	***UTRAN Iu interface signalling transport***										
003	1	F	RP-000233	R3-001540	R3	3.3.0	3.4.0	R99	Clarification of ATM cell format		**approved**
004	1	F	RP-000233	R3-001600	R3	3.3.0	3.4.0	R99	Correction to version number of SCTP and M3UA		**approved**
25.413	***UTRAN Iu interface RANAP signalling***										
075	1	F	RP-000234	R3-001153	R3	3.1.0	3.2.0	R99	Correction for Maximum Bitrate and Guarantee Bitrate in ASN.1		**approved**
076	1	C	RP-000234	R3-001156	R3	3.1.0	3.2.0	R99	Clarifications for Location Reporting Control and Location		**approved**
077	1	D	RP-000234	R3-001157	R3	3.1.0	3.2.0	R99	Preservation of Tracing initiation data in connection with		**approved**
078	1	F	RP-000234	R3-001158	R3	3.1.0	3.2.0	R99	Clarification of when RELOCATION REQUIRED can be sent		**approved**
079	1	F	RP-000234	R3-001171	R3	3.1.0	3.2.0	R99	Interaction between Reset Resource and Signalling Transport		**approved**
080	1	F	RP-000234	R3-001159	R3	3.1.0	3.2.0	R99	Clarification of when to release failed RABs at Relocation		**approved**
081	1	C	RP-000234	R3-001160	R3	3.1.0	3.2.0	R99	Interactions between RAB Assignment messages		**approved**
082	1	F	RP-000234	R3-001161	R3	3.1.0	3.2.0	R99	Cause values are missing for Abstract Syntax Errors		**approved**
083	5	C	RP-000235	R3-001512	R3	3.1.0	3.2.0	R99	Interaction between Class 2 messages and the RELOCATION		**approved**
085	1	C	RP-000234	R3-001162	R3	3.1.0	3.2.0	R99	RRC container references		**approved**
086	1	D	RP-000234	R3-001163	R3	3.1.0	3.2.0	R99	RNC-ID needed in connectionless messages sent from RNC		**approved**
088	7	F	RP-000235	R3-001582	R3	3.1.0	3.2.0	R99	Mapping between RAB-ID and DCH is missing in Relocation		**approved**
089	2	F	RP-000234	R3-001213	R3	3.1.0	3.2.0	R99	Rules for messages that shall contain the CN Domain indicator		**approved**
090	1	F	RP-000234	R3-001169	R3	3.1.0	3.2.0	R99	IEs missing within Reset Resource messages		**approved**
091	2	F	RP-000234	R3-001214	R3	3.1.0	3.2.0	R99	Range of the Signalling Connection Identifier IE		**approved**
092	2	F	RP-000234	R3-001221	R3	3.1.0	3.2.0	R99	Inclusion of PDP type in RANAP		**approved**
093	2	C	RP-000234	R3-001223	R3	3.1.0	3.2.0	R99	Support of RRC session releasing		**approved**
096	1	D	RP-000234	R3-001216	R3	3.1.0	3.2.0	R99	Correction of RANAP tabular notation and ASN.1		**approved**
098	1	F	RP-000235	R3-001509	R3	3.1.0	3.2.0	R99	Proposed removing constrained statement in Location Report		**approved**
099	3	C	RP-000235	R3-001632	R3	3.1.0	3.2.0	R99	Modification of CN Broadcast Information		**approved**
100	1	F	RP-000235	R3-001566	R3	3.1.0	3.2.0	R99	Iu user plane version negotiation for TrFO		**approved**
101		F	RP-000234	R3-001275	R3	3.1.0	3.2.0	R99	Handling of presence field		**approved**
102		D	RP-000234	R3-001299	R3	3.1.0	3.2.0	R99	Clarification of notations used in RANAP		**approved**
104	1	F	RP-000235	R3-001511	R3	3.1.0	3.2.0	R99	Description of interaction between Relocation Resource		**approved**
105		F	RP-000234	R3-001410	R3	3.1.0	3.2.0	R99	Clarification that Basic PER is used		**approved**
106	1	F	RP-000235	R3-001510	R3	3.1.0	3.2.0	R99	Clarification of handling of priority and pre-emption		**approved**
107		D	RP-000234	R3-001412	R3	3.1.0	3.2.0	R99	New text for RAB Assignment misplaced		**approved**
108		C	RP-000235	R3-001413	R3	3.1.0	3.2.0	R99	No priority from CN for Security Algorithms		**approved**
110		F	RP-000235	R3-001430	R3	3.1.0	3.2.0	R99	Definition of the Relation between the Tabular Format and		**approved**
111	2	F	RP-000235	R3-001629	R3	3.1.0	3.2.0	R99	Clarification to RANAP Message Syntax		**approved**
112	1	C	RP-000236	R3-001513	R3	3.1.0	3.2.0	R99	Change of the RANAP IMEI coding to hexadecimal from		**approved**
113	1	F	RP-000235	R3-001514	R3	3.1.0	3.2.0	R99	Clarification for Relocation Resource Allocation procedure		**approved**
114	1	C	RP-000235	R3-001522	R3	3.1.0	3.2.0	R99	d-RNTI allocation during Relocation		**approved**
115	2	F	RP-000236	R3-001650	R3	3.1.0	3.2.0	R99	Combined ASN.1 definition based on agreed CRs		**approved**
116		D	RP-000235	R3-001443	R3	3.1.0	3.2.0	R99	Edirotial Correction to the maxSDU-size in RANAP ASN.1		**approved**
117		F	RP-000235	R3-001444	R3	3.1.0	3.2.0	R99	Clarification on Security Mode Control		**approved**
118		C	RP-000235	R3-001454	R3	3.1.0	3.2.0	R99	Indication of discontinuous transfer for NT data in RAB		**approved**
119		D	RP-000235	R3-001455	R3	3.1.0	3.2.0	R99	Maximum value of IE 'RAB Subflow Combination bit rate'		**approved**
120	1	F	RP-000235	R3-001537	R3	3.1.0	3.2.0	R99	Charging issues during RAB modification		**approved**
121	1	D	RP-000235	R3-001620	R3	3.1.0	3.2.0	R99	Section 9.1 alignment		**approved**
122		D	RP-000235	R3-001631	R3	3.1.0	3.2.0	R99	Adjusting the presentation of EP descriptions to follow		**approved**
123	1	C	RP-000235	R3-001647	R3	3.1.0	3.2.0	R99	NAS transparent container in RAB ASSIGNMENT REQUEST		**approved**
25.414	***UTRAN Iu interface data transport & transport signalling***										
015	1	F	RP-000237	R3-001539	R3	3.3.0	3.4.0	R99	Clarification of ATM cell format		**approved**
016		F	RP-000237	R3-001415	R3	3.3.0	3.4.0	R99	Updating the RFC 1483 to RFC 2684		**approved**
017		F	RP-000237	R3-001442	R3	3.3.0	3.4.0	R99	Alignment of clause 7with clause 6		**approved**
25.415	***UTRAN Iu interface user plane protocols***										
017		F	RP-000238	R3-001073	R3	3.2.0	3.3.0	R99	Correction of PDU type		**approved**
018		D	RP-000238	R3-001074	R3	3.2.0	3.3.0	R99	Addition of table headings		**approved**
019	1	F	RP-000238	R3-001129	R3	3.2.0	3.3.0	R99	Clarification of FQC description		**approved**
020		F	RP-000238	R3-001076	R3	3.2.0	3.3.0	R99	Version of the specified mode		**approved**
021		F	RP-000238	R3-001149	R3	3.2.0	3.3.0	R99	Clarification of Payload CRC Field (Iu FP)		**approved**
022	2	C	RP-000238	R3-001595	R3	3.2.0	3.3.0	R99	Iu user plane version negotiation for TrFO		**approved**
023		D	RP-000238	R3-001416	R3	3.2.0	3.3.0	R99	CRC of Frame Payload Part		**approved**
024		F	RP-000238	R3-001417	R3	3.2.0	3.3.0	R99	RFC set for Initialisation		**approved**
025		D	RP-000238	R3-001418	R3	3.2.0	3.3.0	R99	Figures with spare extension		**approved**
026	1	C	RP-000238	R3-001523	R3	3.2.0	3.3.0	R99	Limiting length of Spare Extension over Iu		**approved**
027		F	RP-000238	R3-001602	R3	3.2.0	3.3.0	R99	emoving redundant specification from Iu UP		**approved**
25.419	***UTRAN Iu interface: Cell broadcast protocols between SMS-CBC and RNC***										
001	1	D	RP-000239	R3-001621	R3	3.0.0	3.1.0	R99	Section 9.1 alignment		**approved**
002	1	F	RP-000239	R3-001577	R3	3.0.0	3.1.0	R99	Clarification of which ASN.1		**approved**
003		D	RP-000239	R3-001536	R3	3.0.0	3.1.0	R99	Clarification of notations used in SABP		**approved**
004		D	RP-000239	R3-001622	R3	3.0.0	3.1.0	R99	Insertion of missing chapter header		**approved**
005	2	F	RP-000239	R3-001653	R3	3.0.0	3.1.0	R99	Introduction of the description of the message type IE		**approved**
006	2	F	RP-000239	R3-001654	R3	3.0.0	3.1.0	R99	ntroduction of "Presence" Information element for extension		**approved**
007		F	RP-000239	R3-001625	R3	3.0.0	3.1.0	R99	Connection of the tabular format/ASN.1 for the cause IE		**approved**
008		F	RP-000239	R3-001626	R3	3.0.0	3.1.0	R99	Clarification of criticality modelling and protocol error identity		**approved**

CR	Rev	Cat	Plenary Doc	WG Doc	Source	Old	New	Phase	Subject	Comments	Status
009		C	RP-000239	R3-001627	R3	3.0.0	3.1.0	R99	Introduction of "rapporteur number" into criticality		**approved**
010	1	F	RP-000239	R3-001646	R3	3.0.0	3.1.0	R99	Clariification to SABP message syntax.		**approved**
25.422	***UTRAN Iur interface signalling transport***										
004	1	F	RP-000240	R3-001559	R3	3.3.0	3.4.0	R99	Clarification of ATM cell format		**approved**
005	1	F	RP-000240	R3-001599	R3	3.3.0	3.4.0	R99	Correction to version number of SCTP and M3UA		**approved**
25.423	***UTRAN Iur interface RNSAP signalling***										
069	1	F	RP-000241	R3-001133	R3	3.1.0	3.2.0	R99	Measurement filtering parameters		**approved**
070	1	B	RP-000241	R3-001131	R3	3.1.0	3.2.0	R99	Introduction of RTT measurement		**approved**
072	1	F	RP-000241	R3-001142	R3	3.1.0	3.2.0	R99	Alignment of Transaction ID IE with NBAP		**approved**
074	6	C	RP-000243	R3-001592	R3	3.1.0	3.2.0	R99	Modifications related to DSCH and [TDD USCH] on Iur		**approved**
075	1	F	RP-000241	R3-001137	R3	3.1.0	3.2.0	R99	Add "NULL" for only one component to choose in ASN.1		**approved**
076	1	F	RP-000241	R3-001139	R3	3.1.0	3.2.0	R99	Change INTEGER to ENUMERATED for IB SG REP IE and		**approved**
077	2	F	RP-000241	R3-001210	R3	3.1.0	3.2.0	R99	Clarification on the Combining Control field		**approved**
078	2	F	RP-000241	R3-001257	R3	3.1.0	3.2.0	R99	Correction to the limited power increase parameter		**approved**
079	1	F	RP-000241	R3-001205	R3	3.1.0	3.2.0	R99	DCH information response in RL Reconfiguration Ready		**approved**
082	1	F	RP-000241	R3-001198	R3	3.1.0	3.2.0	R99	Modification to TFS definition [RNSAP]		**approved**
084	3	F	RP-000243	R3-001470	R3	3.1.0	3.2.0	R99	Number of DL channelisation code		**approved**
086		C	RP-000241	R3-001116	R3	3.1.0	3.2.0	R99	Introduction of RLS in 25.423		**approved**
087	1	F	RP-000242	R3-001351	R3	3.1.0	3.2.0	R99	Clarification of Radio Link Reconfiguration with CCTrCH and		**approved**
088		F	RP-000241	R3-001126	R3	3.1.0	3.2.0	R99	RNSAP range bounds in ASN.1 description: FDD parts		**approved**
089	5	B	RP-000243	R3-001593	R3	3.1.0	3.2.0	R99	Timing adjustment IE for Closed loop Tx Diversity mode		**approved**
090	3	F	RP-000243	R3-001570	R3	3.1.0	3.2.0	R99	DL Initial Power after Handover		**approved**
092		F	RP-000241	R3-001193	R3	3.1.0	3.2.0	R99	RNSAP range bounds, TDD parts		**approved**
094	1	F	RP-000243	R3-001521	R3	3.1.0	3.2.0	R99	More stringent power control behaviour specification in RNSAP		**approved**
095		F	RP-000241	R3-001219	R3	3.1.0	3.2.0	R99	Handling of closed loop timing mode over RNSAP		**approved**
096		B	RP-000241	R3-001256	R3	3.1.0	3.2.0	R99	Out-of Sync RNSAP		**approved**
097		D	RP-000242	R3-001319	R3	3.1.0	3.2.0	R99	Editorial correction for RNSAP		**approved**
098		F	RP-000242	R3-001321	R3	3.1.0	3.2.0	R99	Addition criticality information to the CHOICE tags(RNSAP)		**approved**
099		D	RP-000242	R3-001337	R3	3.1.0	3.2.0	R99	Correction of tabular format		**approved**
102	1	B	RP-000243	R3-001483	R3	3.1.0	3.2.0	R99	Introduction of Rx Timing Deviation measurement for TDD for		**approved**
103	2	F	RP-000243	R3-001564	R3	3.1.0	3.2.0	R99	Change of definition of the Quality Estimation (QE) for TDD		**approved**
104		F	RP-000242	R3-001359	R3	3.1.0	3.2.0	R99	Measurement periods and accuracy for TDD		**approved**
105		F	RP-000242	R3-001362	R3	3.1.0	3.2.0	R99	Add Block STTD Indicator to TDD Neighbouring Cell		**approved**
106	2	C	RP-000243	R3-001617	R3	3.1.0	3.2.0	R99	RNSAP support for switching from CELL-DCH to CELL-FACH		**approved**
107		F	RP-000241	R3-001269	R3	3.1.0	3.2.0	R99	Clarification that basic Per is used		**approved**
108	2	F	RP-000243	R3-001612	R3	3.1.0	3.2.0	R99	Downlink power balancing		**approved**
109		F	RP-000242	R3-001312	R3	3.1.0	3.2.0	R99	RL Set info in Dedicated measurement initiation request		**approved**
110		B	RP-000242	R3-001314	R3	3.1.0	3.2.0	R99	Introduction of first RLS indicator		**approved**
111		F	RP-000241	R3-001273	R3	3.1.0	3.2.0	R99	Handling of presence field		**approved**
112		C	RP-000241	R3-001276	R3	3.1.0	3.2.0	R99	Basic protocol robustness		**approved**
113	2	F	RP-000243	R3-001616	R3	3.1.0	3.2.0	R99	Transport bearer related parameters		**approved**
114		F	RP-000241	R3-001282	R3	3.1.0	3.2.0	R99	Addition of DL TPC step sizes		**approved**
115		D	RP-000241	R3-001284	R3	3.1.0	3.2.0	R99	Correction of reference handling and some other editorial issues		**approved**
116	1	F	RP-000243	R3-001541	R3	3.1.0	3.2.0	R99	Correction of CR implementation on version 3.0.0		**approved**
117	2	C	RP-000243	R3-001574	R3	3.1.0	3.2.0	R99	Alignment of Common TrCH init with RRC		**approved**
118		F	RP-000241	R3-001296	R3	3.1.0	3.2.0	R99	Selection of secondary S-CCPCH in RNSAP		**approved**
119		D	RP-000242	R3-001298	R3	3.1.0	3.2.0	R99	Clarification of notations used in RNSAP		**approved**
120	1	F	RP-000243	R3-001487	R3	3.1.0	3.2.0	R99	Definition of UE context		**approved**
121		F	RP-000242	R3-001302	R3	3.1.0	3.2.0	R99	Crossing signalling between the Physical Channel		**approved**
122		F	RP-000242	R3-001303	R3	3.1.0	3.2.0	R99	Mismatch between measurement type and object		**approved**
123		D	RP-000242	R3-001306	R3	3.1.0	3.2.0	R99	Remocal of the DedicatedMeasurement Type		**approved**
124		F	RP-000242	R3-001381	R3	3.1.0	3.2.0	R99	Correction of STTD Indicator IE		**approved**
125	1	C	RP-000243	R3-001519	R3	3.1.0	3.2.0	R99	Correction of DPCH Constant value IE		**approved**
126	2	C	RP-000244	R3-001608	R3	3.1.0	3.2.0	R99	Update on compressed mode handling		**approved**
127	1	F	RP-000243	R3-001502	R3	3.1.0	3.2.0	R99	Reference for the limited power increase algorithm		**approved**
128	2	F	RP-000243	R3-001639	R3	3.1.0	3.2.0	R99	Handling of measurements non available		**approved**
129		F	RP-000242	R3-001398	R3	3.1.0	3.2.0	R99	Tx diversity indicator in neighboring cell information		**approved**
130		D	RP-000242	R3-001419	R3	3.1.0	3.2.0	R99	Editorial corrections for RNSAP (IEs)		**approved**
131		F	RP-000242	R3-001431	R3	3.1.0	3.2.0	R99	Definition of the Relation between the Tabular Format and		**approved**
132	1	F	RP-000242	R3-001465	R3	3.1.0	3.2.0	R99	Clarification to RNSAP Message Syntax		**approved**
133	2	B	RP-000243	R3-001615	R3	3.1.0	3.2.0	R99	LCS support on Iur		**approved**
135		F	RP-000242	R3-001451	R3	3.1.0	3.2.0	R99	Updated CR on cause values on msg and RL level in RNSAP		**approved**
137		F	RP-000242	R3-001385	R3	3.1.0	3.2.0	R99	Alignment of Diversity Indication IE between tabular format		**approved**
138		D	RP-000243	R3-001479	R3	3.1.0	3.2.0	R99	Section 9.1 alignment		**approved**
139		D	RP-000242	R3-001386	R3	3.1.0	3.2.0	R99	Rapporteur update to RNSAP symbol update		**approved**
140	1	D	RP-000243	R3-001638	R3	3.1.0	3.2.0	R99	Transforming tabular format Choices to ASN.1 for NBAP		**approved**
141		F	RP-000244	R3-001656	R3	3.1.0	3.2.0	R99	RNSAP ASN.1 merge file		**approved**
25.424	***UTRAN Iur interface data transport & transport signalling for CCH data streams***										
004	1	F	RP-000245	R3-001560	R3	3.2.0	3.3.0	R99	Clarification of ATM cell format		**approved**
25.425	***UTRAN Iur interface user plane protocols for CCH data streams***										
014		F	RP-000246	R3-001286	R3	3.1.0	3.2.0	R99	Addition of protocol version		**approved**
015		F	RP-000246	R3-001289	R3	3.1.0	3.2.0	R99	Scheduling of SDU delivery from DRNC		**approved**
016	3	F	RP-000246	R3-001597	R3	3.1.0	3.2.0	R99	Selection of S-CCPCH in the FACH data transfer procedure		**approved**
25.426	***UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams***										
002	2	F	RP-000247	R3-001598	R3	3.2.0	3.3.0	R99	SCTP corrections for ALCAP		**approved**
25.427	***UTRAN Iur and Iub interface user plane protocols for DCH data streams***										
017	1	F	RP-000248	R3-001199	R3	3.2.0	3.3.0	R99	Change quality estimate to 8 bits		**approved**
019	4	B	RP-000248	R3-001587	R3	3.2.0	3.3.0	R99	Change of definition of the quality estimate (QE)		**approved**
020		F	RP-000248	R3-001152	R3	3.2.0	3.3.0	R99	Clarification of Payload CRC Field (DCH FP)		**approved**
023	1	F	RP-000248	R3-001546	R3	3.2.0	3.3.0	R99	Change of definition of the Quality Estimation (QE) for TDD		**approved**
024		F	RP-000248	R3-001287	R3	3.2.0	3.3.0	R99	Addition of protocol version		**approved**
025	1	F	RP-000248	R3-001586	R3	3.2.0	3.3.0	R99	Reference for the definition of invalid CFN.		**approved**

CR	Rev	Cat	Plenary Doc	WG Doc	Source	Old	New	Phase	Subject	Comments	Status
25.430			***UTRAN Iub Interface: General Aspects and Principles***								
009		F	RP-000249	R3-001128	R3	3.1.0	3.2.0	R99	Update TS25.430 Cell model so that number of PICH in a Cell		**approved**
010		F	RP-000249	R3-001354	R3	3.1.0	3.2.0	R99	Correction of Common resources in Node B		**approved**
25.433			***UTRAN Iub interface NBAP signalling***								
068	10	B	RP-000253	R3-001652	R3	3.1.0	3.2.0	R99	NBAP Signalling support for CPCH		**approved**
082	1	F	RP-000250	R3-001186	R3	3.1.0	3.2.0	R99	Introduction of state information in procedure description		**approved**
083	1	F	RP-000250	R3-001132	R3	3.1.0	3.2.0	R99	Measurement filtering parameters		**approved**
084	1	B	RP-000250	R3-001130	R3	3.1.0	3.2.0	R99	Introduction of RTT measurement		**approved**
087	2	F	RP-000250	R3-001230	R3	3.1.0	3.2.0	R99	Clarification of system info broadcast procedure		**approved**
088	2	F	RP-000250	R3-001231	R3	3.1.0	3.2.0	R99	Addition of FP PC transmission timing IE in Cell Setup		**approved**
089	3	B	RP-000250	R3-001255	R3	3.1.0	3.2.0	R99	Sync Parameter configuration via NBAP		**approved**
090	1	F	RP-000250	R3-001136	R3	3.1.0	3.2.0	R99	Add "NULL" for only one component to choose in ASN.1		**approved**
091	1	F	RP-000250	R3-001138	R3	3.1.0	3.2.0	R99	Change INTEGER to ENUMERATED for Paging Indicator		**approved**
092	2	F	RP-000250	R3-001233	R3	3.1.0	3.2.0	R99	Correction on the definition of RSSI parameter		**approved**
093	3	F	RP-000250	R3-001262	R3	3.1.0	3.2.0	R99	Clarification on the Combining Control field: Update to		**approved**
094	2	F	RP-000250	R3-001258	R3	3.1.0	3.2.0	R99	Correction to the limited power increase parameter		**approved**
096	5	C	RP-000252	R3-001590	R3	3.1.0	3.2.0	R99	Addition of limited power increase parameters in Cell Setup and		**approved**
097	1	F	RP-000250	R3-001204	R3	3.1.0	3.2.0	R99	DCH and DSCH information response in RL Reconfiguration		**approved**
100	1	F	RP-000250	R3-001197	R3	3.1.0	3.2.0	R99	Modification to TFS definition [NBAP]		**approved**
102	1	C	RP-000250	R3-001236	R3	3.1.0	3.2.0	R99	Introduction of RLS in 25.433		**approved**
103	1	F	RP-000251	R3-001350	R3	3.1.0	3.2.0	R99	Clarification of Radio Link Reconfiguration with CCTrCH and		**approved**
104		F	RP-000250	R3-001127	R3	3.1.0	3.2.0	R99	NBAP range bounds in ASN.1 description: FDD parts		**approved**
107	3	F	RP-000252	R3-001575	R3	3.1.0	3.2.0	R99	UL Power Clarification for Node B generated SIB in TDD		**approved**
109		B	RP-000250	R3-001192	R3	3.1.0	3.2.0	R99	NBAP range bounds, TDD parts		**approved**
110	2	F	RP-000252	R3-001520	R3	3.1.0	3.2.0	R99	More stringent power control behaviour specification in NBAP		**approved**
112	1	D	RP-000252	R3-001469	R3	3.1.0	3.2.0	R99	Editorial correction for NBAP ASN.1		**approved**
113		F	RP-000251	R3-001320	R3	3.1.0	3.2.0	R99	(ASN.1) Error Indication and Private message for common		**approved**
118	1	B	RP-000250	R3-001484	R3	3.1.0	3.2.0	R99	Introduction of Rx Timing Deviation measurement for TDD for		**approved**
119	2	F	RP-000252	R3-001565	R3	3.1.0	3.2.0	R99	Change of definition of the Quality Estimation (QE) for TDD		**approved**
120		F	RP-000251	R3-001360	R3	3.1.0	3.2.0	R99	Measurement periods and accuracy for TDD		**approved**
121	1	F	RP-000252	R3-001528	R3	3.1.0	3.2.0	R99	Range bounds related to TFCS, TFS and PDSCH code mapping		**approved**
122		F	RP-000250	R3-001268	R3	3.1.0	3.2.0	R99	Clarification that basid Per is used		**approved**
123	3	F	RP-000252	R3-001611	R3	3.1.0	3.2.0	R99	Downlink power balancing		**approved**
124	1	F	RP-000252	R3-001497	R3	3.1.0	3.2.0	R99	Alignment of Diversity Indication IE between tabular format		**approved**
125		F	RP-000251	R3-001309	R3	3.1.0	3.2.0	R99	AICH Transmissing Timing IE corrections		**approved**
126		F	RP-000251	R3-001310	R3	3.1.0	3.2.0	R99	Message type IE corrections		**approved**
127		F	RP-000251	R3-001311	R3	3.1.0	3.2.0	R99	RACH Slot format IE mismatch		**approved**
128	1	B	RP-000251	R3-001489	R3	3.1.0	3.2.0	R99	Introduction of first RLS indicator		**approved**
130		F	RP-000250	R3-001274	R3	3.1.0	3.2.0	R99	Handling of presence field		**approved**
131		C	RP-000250	R3-001277	R3	3.1.0	3.2.0	R99	Basic protocol robustness		**approved**
132		F	RP-000250	R3-001278	R3	3.1.0	3.2.0	R99	Granularity of Max DL power capability/transmission power		**approved**
133	2	F	RP-000252	R3-001614	R3	3.1.0	3.2.0	R99	Transport bearer related parameters		**approved**
134	1	F	RP-000252	R3-001562	R3	3.1.0	3.2.0	R99	Clarification on "ALLNBCC"		**approved**
135		F	RP-000251	R3-001283	R3	3.1.0	3.2.0	R99	Addition of DL TPC step sizes		**approved**
136	1	F	RP-000252	R3-001532	R3	3.1.0	3.2.0	R99	PRACH scambling code word		**approved**
137	1	F	RP-000252	R3-001527	R3	3.1.0	3.2.0	R99	Ambiguous CTrCh Setup Resp		**approved**
138	1	F	RP-000252	R3-001529	R3	3.1.0	3.2.0	R99	Simplified fault handling for CTrCh Reconfiguration		**approved**
139		D	RP-000251	R3-001297	R3	3.1.0	3.2.0	R99	Clarification of notations used in NBAP		**approved**
140		F	RP-000251	R3-001300	R3	3.1.0	3.2.0	R99	Definition Node B and CRNC communication contexts		**approved**
141	1	F	RP-000251	R3-001488	R3	3.1.0	3.2.0	R99	Mismatch between measurement type and object		**approved**
142		D	RP-000251	R3-001305	R3	3.1.0	3.2.0	R99	Clarification of Common measurement object IE		**approved**
145	2	F	RP-000252	R3-001568	R3	3.1.0	3.2.0	R99	Introduction of SFN IE		**approved**
146	1	C	RP-000253	R3-001609	R3	3.1.0	3.2.0	R99	Update on compressed mode handling		**approved**
147	2	F	RP-000252	R3-001591	R3	3.1.0	3.2.0	R99	Alignment of System Information		**approved**
148	2	F	RP-000252	R3-001584	R3	3.1.0	3.2.0	R99	Reference for the limited power increase algorithm		**approved**
149	2	F	RP-000252	R3-001640	R3	3.1.0	3.2.0	R99	Handling of measurements non available		**approved**
150	1	F	RP-000251	R3-001476	R3	3.1.0	3.2.0	R99	Correction of CR implementation on version		**approved**
151		D	RP-000251	R3-001420	R3	3.1.0	3.2.0	R99	Editorial corrections for NBAP (IEs)		**approved**
152		F	RP-000251	R3-001432	R3	3.1.0	3.2.0	R99	Definition of the Relation between the Tabular Format and		**approved**
153	2	F	RP-000252	R3-001630	R3	3.1.0	3.2.0	R99	Clarification to NBAP Message Syntax		**approved**
154		D	RP-000251	R3-001445	R3	3.1.0	3.2.0	R99	Correction of reference handling and some other editorial issues		**approved**
156	2	B	RP-000252	R3-001585	R3	3.1.0	3.2.0	R99	Power Offset for S-CCPCH		**approved**
158		F	RP-000251	R3-001450	R3	3.1.0	3.2.0	R99	Updated CR on cause values on msg and RL level in NBAP		**approved**
159		B	RP-000251	R3-001453	R3	3.1.0	3.2.0	R99	DL ISCP values for Node B		**approved**
160		D	RP-000251	R3-001480	R3	3.1.0	3.2.0	R99	Section 9.1 alignment		**approved**
162		F	RP-000252	R3-001498	R3	3.1.0	3.2.0	R99	Corrections on inconsistency sync channel definition for TDDs		**approved**
163	1	D	RP-000252	R3-001637	R3	3.1.0	3.2.0	R99	Transforming tabular format Choices to ASN.1 for RNSAP		**approved**
164		F	RP-000253	R3-001657	R3	3.1.0	3.2.0	R99	NBAP ASN.1 merge file		**approved**
25.435			***UTRAN Iub interface user plane protocols for CCH data streams***								
015	3	F	RP-000254	R3-001293	R3	3.2.0	3.3.0	R99	Clarification of the correspondence of the Cell SFN to the CFN		**approved**
016	1	F	RP-000254	R3-001200	R3	3.2.0	3.3.0	R99	Update of Paging Indication bitmap description		**approved**
018	1	F	RP-000254	R3-001547	R3	3.2.0	3.3.0	R99	Change of definition of the Quality Estimation (QE) for TDD		**approved**
019	1	F	RP-000254	R3-001549	R3	3.2.0	3.3.0	R99	Zero bit transport block Handling for USCH		**approved**
020	1	F	RP-000254	R3-001548	R3	3.2.0	3.3.0	R99	Modification of number of PI for TDD		**approved**
021		F	RP-000254	R3-001288	R3	3.2.0	3.3.0	R99	Addition of protocol version		**approved**
25.922			***Radio Resource Management Strategies***								
003	1	F	RP-000228	R2-001241	R2	3.1.0	3.2.0	R99	Stage 2 description for Handover to UTRAN		**approved**
25.926			***UE Radio Access capabilities definition***								
003	4	F	RP-000229	R2-001240	R2	3.0.0	3.1.0	R99	Updated Ad Hoc changes		**approved**
008		F	RP-000229	R2-001125	R2	3.0.0	3.1.0	R99	CPCH note to the the parameter definitions		**approved**
25.944			***Channel coding and multiplexing examples***								
001	2	F	RP-000276	R1-000784	R1	3.0.0	3.1.0	R99	Corrections to align with "Typical radio parameter sets" from		**approved**

Annex D: Release '99 acceptable changes

This was originally presented as RP-000323. This is a revised version, which was agreed by TSG-RAN. This proposal aims at putting the formal freezing of R99 specifications into practice in the TSG RAN working groups. When discussing CRs on functionally frozen R99 work items all working groups should apply the following rules depending on the CR category:

F Correction:

Can be done
(1) To correct an error in the specification, or
(2) To add a part of an agreed R99 functionality found to be missing in one specification, or
(3) To correct an approved CR that has not been incorporated correctly.
(4) Corrections can lead to functional modification but this is considered as Cat F.
On the cover sheet of the CR, it is required that the consequences of not approving the CR shall be explained.
As a consequence of the functional freezing of Release 99 no other categories are allowed on this release.

A Corresponds to a correction in an earlier release:

Can be done if the corresponding CR on earlier release fulfils the criteria set for the CRs on that release. This cannot be used for Release 99. But as soon as a Specification has been raised to version 4.0.0 and a correction is done on version 3.X.Y. A CR with this category has to be generated to introduce the changes in the version 4 for approval at plenary level.

B Addition of feature

Feature shall be intended with regards to the release (i.e., is it new to the release) and not to the Specification. Can not be done to R99 (or older). This normally shall correspond to an identified work item.

C Functional modification of feature

Can not be done to R99 (or older)
Any functional modification shall correspond to a work item identified as part of either UTRAN improvement or Radio Access improvement. However backward compatibility shall be ensured when the issue is impacting MS.

D Editorial modification

Can be done
Editorial modification must not have any impact on the implementation.

Conclusion

This proposal shall be enforced in all working group meetings after TSG RAN #8.
Additionally, on all CRs related to a specific new feature the impact on other specification part has to be clearly identified and there shall be presented all together at the plenary so that consistent approval can happpen.

Annex E: Release '00 procedure with the work/study items

This was an updated version of the various presentations on procedures in the meeting. This is a revised version, which was agreed by TSG-RAN (and confirmed by the absence of comments before the deadline of Friday 30 June, 12:00 French time) and which shall be enforced in all WGs.

Work Item description sheet principles:

- Rapporteur of the work item is responsible for updating the list of affected specs in the work item sheet and the status of the work affected specifications. Responsible WG will provide the update to TSG RAN plenary. Reporting will be made by the Chairman of the responsible WG.
- The WI sheets would be put forward for endorsement at each future TSG-RAN plenary meeting and serve as the basis for all discussion on each Work Item.
- MCC will compile the documents with all work item sheets. One documents will contain all Work Item Description sheet per Features/Building blocks (or one document per leading WG to facilitate the discussion).
- To change the scope of the work item, a separate proposal needs to be done to TSG RAN:

Technical Reports per Work Items principles

- For all WIs approved by the TSG-RAN plenaries by default, it should result in the elaboration of a Technical Report under the responsibility of the leading WG. In particular cases, following advice from the responsible WG, the TSG-RAN plenary might take the decision of not requesting this report (e.g. because this report would be void).
- First the leading working group creates a TR which summarises the motivation (i.e. the gains compared to existing specifications), requirements on the solution and the overall concept.
- Once the leading WG reaches the stage that other WGs should be involved, they will inform other working groups to evaluate the impact of the proposed concept to their specifications
- The other WGs will capture the impact to their specification either on a TR maintained in that WG or in case of minor impact they may provide input to the TR maintained in the leading WG. The rapporteur will incorporate in the main report the part of the reports from the other WG.
- The TR should include an assessment of backward compatibility to earlier releases of the system.
- The TR in a WG can be used as place holder for decision on draft CRs. It is not recommended to incorporate them in the Technical Report because before presentation of the full pack of CRs time might had elapsed and therefore it might be necessary to revise the CR because the approved version of the referenced specification might have changed.

Finalisation of Work Items

- When all CRs for a WI have been approved in all WG, they are brought for approval for the next TSG RAN as one package. In case several Work Items have direct dependency (i.e. one WI does not work in absence of completion of another WI), they need to be approved as one package.
- In case of a study item, TSG RAN shall first take a decisions on inclusions or exclusions of particular concepts in a given Release based on the results of the study item. If concluded positively, a Work Item may be created by TSG-RAN.

Annex F: Role of rapporteur

This document describes the role of rapporteurs for both Specifications and Work Items as seen by the TSG-RAN (WG) Chairmen and MCC support persons. The original document was RP-000328. This is a version in which the comments have been taken into account.

F.1 Role of rapporteur for Specification

- Editor until approval (v3.0.0 for R'99, v4.0.0 for R'00).
- Review all CRs to the specification prior to agreement in the Working Group. Includes spotting and solving clashes.
- Guard the technical quality of the specification.
- Explain specification to any other group (TSC, TSG, inside or outside 3GPP)
- Focal point for technical questions.
- Delivery of clean specification to MCC support upon approval.
- Countercheck correct implementation of CRs.
- Long term commitment.

F.2. Role of rapporteur for Work Item

- Monitoring progress of work in all WGs for the WI.
- Report to responsible WG and produce report to the plenary on progress.
- Liaise with S2/IGC.
- Keep WI sheet up-to-date.
- Identify and provide support for the resolution of organisational problems.
- Identify end of WI.
- Long term commitment.
- Selected from regular attendants of primary responsible group and from supporting companies.

Annex G: Meeting schedule

TSG-RAN

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

TSG-RAN WG1

Meeting	Date	Host	Location
#16	10 - 13 October 2000	TTA	Pusan, Korea
#17	20 - 24 November 2000	Ericsson	Sweden

TSG-RAN WG2

Meeting	Date	Host	Location
#16	09 - 13 October 2000	CWTS, Ericsson	Beijing, China
#17	13 - 17 November 2000	ETSI	Sophia Antipolis, France
#18	15 - 19 January 2001	Vodafone Airtouch	London (tbc), UK
#19	19 - 23 February 2001		
#20	09 - 13 April 2001	NTT DoCoMo	Tokyo/Yokohama (tbc), 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
#16	16 - 20 October 2000	Nortel, BT, Vodafone, Motorola	United Kingdom
#17	20 - 24 November 2000	Motorola	Chicago, IL, USA

TSG-RAN WG4

Meeting	Date	Host	Location
#14	13 - 17 November 2000	ETSI	Sophia Antipolis, France