TSG-RAN meeting #7 RP-000003
Madrid, Spain, 13-15 March 2000

Title: **Revised Draft Report of the 6th TSG-RAN meeting (Nice, France, 13-15 December 1999)**
Document for: **Comment**
Source: **3GPP support team**

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Executive summary

During the last plenary meeting of 1999, 14 specifications were newly approved. As a result, all specification documents from TSG-RAN became version 3.x.y, which means the documents are stable. The RAN Specifications were successfully incorporated into ITU-R IMT.RSPC Recommendation at the November ITU-R TG8/1 meeting. On the other hand, there are still several details that need to be worked on. The meeting discussed whether they are really needed for Release'99 or not and made decisions. 27 items were identified to be included in Release'99, although they are still not completed at this moment. If approved by SA #6, they are planned to be completed in the March plenary meeting (#7) (SECRETARY'S NOTE: all items except SoLSA were approved for Release '99 by SA #6):

1. Compressed mode with puncturing (Method A)
2. Out-of-synch handling
3. TDD cell parameter cycling
4. Parity bit attachment to 0 bit transport block
5. Cell broadcast protocols between SMS-CBC and RNC
6. Support of soft handover during active compressed mode pattern
7. Delay performance requirements
8. Delayed activation at Radio Link establishment
9. DRX parameter on Iur
10. DSCH (FDD+TDD) and USCH (TDD) on Iub
11. Version handling and compatibility issues for Iub/Iur userplane protocols
12. Iu time alignment
13. Capacity modelling of Node B resources
14. Partial relocation procedure
15. Physical channel reconfiguration procedure on Iur
16. Support in UTRAN for specific LCS methods
17. Triggering of the Common Transport channel resources initiation procedure (selection of S CCPCH)
18. DSCH and USCH on Iur
19. Node B origination of SIBs on BCCH
20. Tracing deactivation from CN
21. CPICH SIR Measurement
22. CPCH (Common Packet Channel)
23. Turbo interleaver
24. Cell selection/reselection
25. Downlink Outer Loop Power control
26. SoLSA (NOTE: not approved for Release '99 by SA)
27. Management of UE capability (ClassMark)

The issues considered by TSG-RAN but proposed not to be included in R99 were:

1. Gated DPCCH transmission
2. Uplink Synchronous Transmission (FDD)
3. Available capacity estimate in a drift cell
4. Reconfiguration of DL TPC step size
5. DPC Rate Reduction in soft handover and DPC mode handling
6. FACH power control on IUR
7. Load information on Iur
8. TDD neighbour cell measurement

The meeting also started discussion about Release'00. The first item is the handling of lower chip rate option on TDD, which was proposed from Chinese CWTS. Also, IP transport within UTRAN (in addition to the existing ATM-based transport) was proposed as a work item toward Release'00 and agreed.

1 Opening of the meeting

The chairman opened RAN#6 at 09.00 on13 December 1999 and thanked ETSI for hosting the meeting and the delegates for the hard work done this year. Bridget Cosgrave (ETSI) welcomed the delegates to Nice. She recalled that the 3GPP project was created in Copenhagen and that the first meetings were held in Sophia Antipolis one year ago, and that this was the first anniversary of 3GPP. Although very aggressive timescales were set, they had been met and a set of specifications describing a 3G system was produced on schedule. This was an unprecedented rate of doing work, and the achievement was only possible due to the massive effort of the 3GPP members. Release 99 would be frozen at this meeting.

2 Approval of the agenda

RP-99604 Draft Agenda for RAN#6 (TSG-RAN 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 #5

RP-99601 Draft TSG- RAN#5 meeting report (Kyongju, Korea) (MCC, Hans van der Veen)

RP-99602 Revised Draft TSG--RAN#5 meeting report (Kyongju, Korea) (MCC, Hans van der Veen)
The revised meeting report of RAN#5 in RP-99602 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 ITU Ad Hoc part and participants' list.
Decision: The report was approved. The approved report would be available in RP-99603.

RP-99603 Approved TSG--RAN#5 meeting report (Kyongju, Korea) (MCC, Hans van der Veen)
This was the approved report of the TSG-RAN #5 meeting.

4 Inputs from other groups

In order to save time, it was suggested to the WGs not to present the "cc" LS in their meetings, unless a specific request to do this was received. TSG-RAN also encouraged the WGs to have a company feel responsible for each of the LS. One suggested way to solve this is to have the company that drafted the LS in one group, present it in the group it was sent to.

4.1 TSG-RAN WGs, TSG-SA, TSG-T, TSG-CN

4.1.1 TSG-RAN WG1

RP-99720 (R1-99L38, to TSG-RAN) LS on CPICH SIR measurements in UTRA FDD (TSG-RAN WG1)
Antti Toskala (TSG-RAN WG1 Chairman) presented this LS, which requested input from WG2 and WG4 in order to approve the CR.

Discussion: WG2 did not receive this LS for their last meeting. There was an answer from WG4 to the LS (R4-99A20, see RP-99792), which suggested to postpone the CR involved. There were two sets of simulation results, which were conflicting. There was a suggestion to include both results then. The topic had been included in the WG2 standards, and the question was how to align WG1 and WG2: delete the issue from WG2 or add it to WG1.
Decision: The LS was noted. The related CR was postponed. The WG1 Chairman drafted a template for this as an unstable item in RP-99797. The final template was in RP-99858.

RP-99721 (R1-99L45, copy TSG-RAN) LS on parity bit attachment to 0 bit transport block (TSG-RAN WG1)
Takehiro Nakamura (TSG-RAN WG1 Vice-Chairman) presented this LS.
Discussion: The document was not discussed in WG2. It was a small issue that could be clarified for R99.
Decision: The LS was noted. The subject would be in R99, but was not yet completed. WG1 would prepare a template for R99 issue that was not yet complete (in RP-99793).

RP-99834 (R1-99k49, copy TSG-RAN) LS on usage of coding schemes for medium to high bit-rates (TSG-RAN WG1)
Takehiro Nakamura (TSG-RAN WG1 Vice-Chairman) presented this LS.
Discussion: WG2 had already handled this LS and would take it into account.
Decision: The LS was noted.

4.1.2 TSG-RAN WG2

RP-99605 (R2-99g82, copy TSG-RAN) Response to LS from S2 on CBS documentation (TSG-RAN WG2)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this LS.
Discussion: The document was for information.
Decision: The LS was noted.

RP-99606 (R2-99k64, to TSG-RAN) LS on Header Compression and IETF (TSG-RAN WG2)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this LS.
Discussion: WG2 noted that an LS was sent by IETF to TSG-RAN (see RP-99794) and suggested a response, suggesting having direct liaisons with IETF. Similar activity is taking place in SA2.
Decision: The LS was noted. WG2 could liaise directly with IETF.

4.1.3 TSG-RAN WG4

RP-99791 (R4-99959, to TSG-RAN) LS on Definition of BER (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this LS.
Discussion: This LS was for information and to help the off-line discussion on the use of SIR.
Decision: The LS was noted. The issue was resolved by RP-99858.

RP-99792 (R4-99A20, to TSG-RAN) LS on SIR (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this LS.
Discussion: This LS was a response to R1-99L38.
Decision: The LS was noted. The issue was resolved by RP-99858.

4.1.4 TSG-SA and TSG-SA WGs

RP-99618 (S1-991063, to TSG-RAN) LS on Cell Broadcast Service (CBS) Reception in Connected Mode (TSG-SA WG1)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this LS.
Discussion: The topic was discussed in WG2, but not this particular liaison.
Decision: The LS was noted. WG2 would take this LS into account in its UE Capabilities TR.

RP-99722 (S4-99504R, to TSG-RAN) LS on Delay Figures (TSG-SA WG4)
Don Zelmer (TSG-RAN Vice-Chairman) presented this LS.
Discussion: The document was related to WG2 and WG3. WG3 did not conclude on the topic yet and suggested to start a discussion on the e-mail reflector. TSG-SA WG2 discussed it and sent it to TSG-CN, who declined to answer the LS as it was considered too sensitive. WG2 would rely on the WG3 figures to do calculations.
Decision: The LS was noted. There would be a response LS to TSG-SA4 and TSG-SA2 and WG3 would discuss this item.

4.2 Others

4.2.1 SMG and SMG WPs

RP-99607 (2-99-I73, copy TSG-RAN) LS on UE/MS idle mode operation (SMG2)
Michael Färber (Vice-Chairman SMG2) presented this LS.
Discussion: The LS was discussed in WG2. WG2 has the same problems as SMG2; there are no requirements. The LS tried to provide alignment between the two groups, so they would use the same approach.
Decision: The LS was noted. Denis Fauconnier (Chairman, TSG-RAN WG2) would draft an LS (in RP-99868) to TSG-SA WG1, copy SMG2, to urge TSG-SA WG1 to provide requirements.

RP-99608 (2-99-K00, copy TSG-RAN) LS on replacement antennas (SMG2)
Michael Färber (Vice-Chairman SMG2) presented this LS.
Discussion: The issue was a matter for WG4, but WG4 said it did not have the appropriate tools (test methods). It has been a difficult topic for many years. TSG-T WG1 was looking into this topic.
Decision: The LS was noted. At this moment TSG-RAN could not do anything and encouraged input on this topic.

RP-99609 (2-99-K13, copy TSG-RAN) Response to LS (R2-99g66) on measurement order parameters sent to the MS, for GSM to UMTS handover (SMG2)
Volkmar Hammer (France Telecom) presented this LS.
Discussion: The LS was for information. WG2 and WG4 have already handled this document.
Decision: The LS was noted.

4.2.2 ITU

RP-99827 LS from ITU-R TG 8/1- final approval of IMT RSPC (ITU-R TG 8/1)
Nicola Pio Magnani (ITU Ad Hoc Contact Person) presented this report.
Discussion: Each SDO needed to submit IMT-2000 deliverables by April 2000. That is the latest date at which transposition of 3GPP specifications into SDO deliverables is needed.
Decision: The LS was noted. It was necessary to make sure that the various SDOs submitted the same Release 99 documents. It needed to be discussed at PCG level.

RP-99828 LS from ITU-R TG 8/1 on unwanted emissions for IMT 2000 (ITU-R TG 8/1)
Nicola Pio Magnani (ITU Ad Hoc Contact Person) presented this report.
Decision: The LS was noted.

4.2.3 Other

RP-99610 (T1P1/99-283R1, to TSG-RAN) Response to LS (SP-99427) on Inter-network soft handover (T1P1)
Gary Jones (Omnipoint) presented this LS.
Discussion: The various groups in 3GPP were requested to investigate this topic. The European Commission had information on this topic, which was available from ETSI.
Decision: The LS was noted.

RP-99794 LS on Robust header compression (IETF)
Decision: The LS was noted.

5 Handling Release'99 documents from TSG-RAN Groups

The CRs marked as editorial (type "D") were not presented. The CRs marked correction ("F") or modification ("C") were presented on the basis of the overview cover sheet only. Only the CRs marked new feature ("B")were presented in a bit more detail. The CRs for each specification were split up into documents reflecting this. The aim of all this was to be able to get through the nearly 350 CRs presented to the plenary meeting in a reasonable amount of time.
Discussion: It was requested by some delegates that all CRs be available on the TSG-RAN server one week before the plenary meeting, in order to give people time to check the CRs. Hans van der Veen (TSG-RAN Secretary) explained that this was not possible if meetings were held in the two weeks before the meeting. (NOTE: meetings held in the last week before the plenary should not happen any longer by TSG-SA #5 decision, so the extra complications caused by that for TSG-RAN #6 should not occur again). The reason was that a certain amount of time (in the order of several days) was needed

1) to produce a draft report or list of CRs agreed by the WG;
2) to give the WG delegates the time to check the correctness of the draft report or list of CRs (to make sure only agreed CRs are presented to TSG-RAN and to make sure that the right version of the CRs are used for the presentation)
3) to prepare the agreed CRs for the plenary (changing the source, headers, check that the CR mentioned the correct version of the specification, ...)

Francois Courau (Vice-Chairman TSG-RAN) made clear that the experts in each of the WGs had anyway had the relevant information available for a longer period of time, and it should be possible to have intra-company co-ordination.
Decision: .The MCC was requested to circulate the draft WG lists of CRs on the TSG-RAN reflector (marking them clearly as "draft") as soon as possible after the WG meeting if that WG meeting is held in the two weeks before the plenary.

Vocabulary documents

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

5.1 TSG-RAN WG1

5.1.1 Report from TSG-RAN WG1

RP-99613 TSG-RAN WG1 report (TSG-RAN WG1 Chairman)
Antti Toskala (Chairman TSG-RAN WG1) presented this report. More than 2000 documents had been handled in 1999. Around 120 CRs had been handled since the previous TSG-RAN #5 meeting. Six items were left proposed for R99 that had not been finished yet.
Discussion: Per Willars (Chairman TSG-RAN WG3) wondered about the optional Turbo interleaver, which was a new feature that would need changes in WG2 and WG3. WG1 would therefore need to signal to WG3 and WG2 immediately on any such issues. WG1 did not think the changes in WG2 and WG3 would be difficult or time-consuming. This topic was covered by an R99 cover sheet and was handled in Agenda Item 7.1 (see RP-99712). The R00 schedule dates assumed the first six topics to be in R99. The other dates were tentative.
Decision: The report was noted.

5.1.2 Discussions on decisions from TSG-RAN WG1

There were no documents for this agenda item.

5.1.3 Approval of contributions from TSG-RAN WG1

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99676	25.211	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99677	25.211	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	corrections in RP-99684; taking these into account, the CRs were approved	3.1.0
RP-99678	25.211	3.0.0	Agreed CRs category "B" (New features)	approved	3.1.0
RP-99684	25.211	3.0.0	Agreed corrected CRs	approved	3.1.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99679	25.212	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99680	25.212	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0
RP-99681	25.212	3.0.0	Agreed CRs category "B" (New features)	approved	3.1.0

CRs to TS 25.213: Spreading and modulation (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99682	25.213	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99683	25.213	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0

CRs to TS 25.214: FDD; physical layer procedures

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99685	25.214	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99686	25.214	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0
RP-99687	25.214	3.0.0	Agreed CRs category "B" (New features)	approved	3.1.0
RP-99684	25.214	3.0.0	Additional CR	approved (see 25.211)	3.1.0

CRs to TS 25.215: Measurements (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99688	25.215	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0
RP-99689	25.215	3.0.0	Agreed CRs category "B" (New features)	approved 1)	3.1.0
RP-99690	25.215	3.0.0	Conditional CR 017, CPICH SIR measurement	postponed	3.1.0

1) For CR 003 it needed to be checked what the "51 frame" meant

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-99691	25.221	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99692	25.221	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99693	25.222	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99694	25.222	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0
RP-99871	25.222	3.0.0	Agreed CR 001r3	approved 1)	3.1.0

1) CR001r3 to TS 25.222 is in RP-99694 but its Tdoc was wrong. R1-99j97 is contained in RP-99694, but the correct number is R1-99j98, which is contained in RP-99871.

CRs to TS 25.223: Spreading and modulation (TDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99695	25.223	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99696	25.223	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0

CRs to TS 25.224: TDD; physical layer procedures

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99697	25.224	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99698	25.224	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0
RP-99699	25.224	3.0.0	Agreed CRs category "B" (New features)	approved	3.1.0

CRs to TS 25.225: Measurements (TDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99700	25.225	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0
RP-99701	25.225	3.0.0	Agreed CRs category "B" (New features)	approved	3.1.0

Reports from WG1 for information

Tdoc	Agreed as report	Presented as version	Title	Result	Final version
RP-99704 / RP-99703 (cover)	R1.03	0.1.2	Physical Layer Items Not For Inclusion In Release '99	noted	1.0.0
RP-99612 / RP-99702 (cover)	R1.04	0.0.3	Channel coding and multiplexing examples	noted	1.0.0

5.2 TSG-RAN WG2

5.2.1 Report from TSG-RAN WG2

RP-99614 TSG-RAN WG2 report (TSG-RAN WG2 Chairman)
Denis Fauconnier (Chairman TSG-RAN WG2) presented this report. More than 2000 documents had been handled in 1999. Around 180 CRs had been handled since the previous TSG-RAN #5 meeting, most of them on the RRC specification (TS 25.331). Many items had been completed, but six items were left proposed for R99 that had not been finished yet. Companies were requested to keep the same resources committed to the various WGs, as the approval did not mean that work was complete and previous experience in SMG had taught that resources were too quickly reallocated, causing unnecessary delay because new people had to go through a learning curve. RP-99719 should be added for CR 026 to 25.331, as it was discovered late that it had not been included into another CR as originally agreed. Also, in the status report TS 25.305 was forgotten to be included (RP-99634 and RP-99635). In the Miscellaneous section, the TSG-RAN WG2 Chairman asked TSG-RAN to allow WG2 to establish a direct link between TSG-RAN WG2 and the ISO-ITU expert group.
Decision: The report was noted. Francois Courau (Vice-Chairman, TSG-RAN), would request PCG by e-mail on the PCG exploder to allow WG2 to establish a direct link with ISO-ITU experts group.

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

RP-99619 Cover sheet for TS 25.301 (TSG-RAN WG2)

RP-99622 Cover sheet for TS 25.302 (TSG-RAN WG2)

RP-99627 Cover sheet for TS 25.303 (TSG-RAN WG2)

RP-99630 Cover sheet for TS 25.304 (TSG-RAN WG2)

RP-99636 Cover sheet for TS 25.321 (TSG-RAN WG2)

RP-99640 Cover sheet for TS 25.322 (TSG-RAN WG2)

Due to a misunderstanding about the use of cover sheets for the plenary meeting, these six cover sheets for approved specifications were planned, but were not needed and therefore withdrawn.

CRs to TS 25.301: Radio Interface Protocol Architecture

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99620	25.301	3.2.0	Agreed CRs category "D" (Editorial)	approved	3.3.0
RP-99621	25.301	3.2.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.3.0

CRs to TS 25.302: Services provided by the Physical Layer

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99623	25.302	3.1.0	Agreed CRs category "D" (Editorial)	approved	3.2.0
RP-99624	25.302	3.1.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.2.0
RP-99625	25.302	3.1.0	Agreed CR (021) category "B" (New features)	withdrawn 1)	3.2.0

1) The CR was withdrawn because gated transmission was not included in R99

CRs to TS 25.303: Interlayer Procedures in Connected Mode

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99628	25.303	3.1.0	Agreed CRs category "D" (Editorial)	approved	3.2.0
RP-99629	25.303	3.1.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.2.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99631	25.304	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99632	25.304	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0
RP-99633	25.304	3.0.0	Agreed CRs category "B" (New features)	approved	3.1.0

CRs to TS 25.321: MAC protocol specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99637	25.321	3.1.0	Agreed CRs category "D" (Editorial)	approved	3.2.0
RP-99638	25.321	3.1.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.2.0

CRs to TS 25.322: RLC Protocol Specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99641	25.322	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99642	25.322	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0
RP-99643	25.322	3.0.0	Agreed CRs category "B" (New features)	approved	3.1.0

CRs to TS 25.331: RRC Protocol Specification

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99650	25.331	3.0.0	Agreed CRs category "D" (Editorial)	approved	Interm.
RP-99651	25.331	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	Interm.
RP-99652	25.331	3.0.0	Agreed CRs category "B" (New features)	approved	Interm.
RP-99653	25.331	Interm.	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99654	25.331	Interm.	Agreed CRs category "C" (Modification) and "F" (Correction), 1st set	CR 036 was withdrawn; the others were approved	3.1.0
RP-99655	25.331	Interm.	Agreed CRs category "C" (Modification) and "F" (Correction), 2nd set	approved	3.1.0
RP-99719	25.331	Interm.	Agreed CR 026r1, Gain factors, category "C" (Modification)	approved	3.1.0
RP-99656	25.331	Interm.	Agreed CRs category "B" (New features), 1st set	approved	3.1.0
RP-99657	25.331	Interm.	Agreed CRs category "B" (New features), 2nd set	approved	3.1.0

Specifications from WG2 for approval

Tdoc	Agreed as spec.	Presented as version	Title	Result	Final version
RP-99635 / RP-99634 (cover)	25.305	2.0.0	Stage 2 Functional Specification of Location Services in UTRAN	approved	3.0.0
RP-99645 / RP-99644 (cover)	25.323	2.0.0	Packet Data Convergence Protocol (PDCP) Specification	approved	3.0.0
RP-99647 / RP-99646 (cover)	25.324	2.0.0	Radio Interface for Broadcast/Multicast Services	approved	3.0.0

Reports from WG2 for approval

Tdoc	Agreed as report	Presented as version	Title	Result	Final version
RP-99659 / RP-99658 (cover)	25.921	2.0.0	Guidelines and Principles for protocol description and error handling	approved 1)	3.0.0
RP-99661 / RP-99660 (cover)	25.922	2.0.0	Radio Resource Management Strategies	approved	3.0.0
RP-99665 / RP-99664 (cover)	25.925	2.0.0	Radio Interface for Broadcast/Multicast Services	approved	3.0.0

1) WG3 would take this document into account and align the WG2 and WG3 output on the basis of this report. If WG3 wanted to change anything in the report, it would provide CRs to the report to WG2.

Specifications and Reports from WG2 for information

Tdoc	Agreed as spec./rep.	Presented as version	Title	Result	Final version
RP-99649 / RP-99648 (cover)	25.331	Interm.	RRC Protocol Specification	This was the result of applying the CRs from RP-99650, RP-99651 and RP-99652. All CRs were approved (see above)	Interm.
RP-99663 / RP-99662 (cover)	25.924	1.0.0	Opportunity Driven Multiple Access	noted	1.0.0
RP-99667 / RP-99666 (cover)	25.926	1.0.0	UE Radio Access Capabilities	noted	1.0.0

5.3 TSG-RAN WG4

5.3.1 Report from TSG-RAN WG4

RP-99615 TSG-RAN WG4 report (TSG-RAN WG4 Chairman)
Howard Benn (Chairman TSG-RAN WG4) presented this report. "Only" about 1000 documents had been handled in 1999...
Discussion: There were no R99 submission forms, but the WG4 Chairman noted that he expected to have several items following from WG1 and WG2 work, of which WG4 was not currently aware. WG4 therefore did not discuss these items and the WG4 Chairman did not think it was his place to speak for WG4 without having discussed these items in WG4. So, all WG1 and WG2 items were possible items for WG4 as well. On the TSG-RAN originating input to TSG-SA it would be possible to indicate possible items for WG4.
Decision: The report was noted.

5.3.2 Discussions on decisions from TSG-RAN WG4

There were no documents for this agenda item.

5.3.3 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-99771	25.101	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99772	25.101	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	CR 016 was rejected 1); the rest was approved	3.1.0
RP-99773	25.101	3.0.0	Agreed CRs category "B" (New features)	approved	3.1.0
RP-99826	25.101	3.0.0	Agreed CR 013	approved	3.1.0
RP-99830	25.101	3.0.0	CR 016r1	approved	3.1.0

1) Several concerns were raised about this CR. There had not been much time in WG4 to discuss it. It was claimed by one of the delegates that this delay figure would make the 3G system worse than GSM. It was also doubted whether it was really true that there was no impact on the simulation results, as had been stated in WG4. The scenario was considered to be unrealistic. Furthermore, there were concerns that Annex B was "normative". WG4 was asked to rediscuss it. Evelyne Le Strat (Nortel Networks) would produce a new CR to put the entire section between brackets in RP-99830. Interested companies were invited to contribute to this topic in WG4.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99774	25.102	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99775	25.102	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved 1)	3.1.0
RP-99776	25.102	3.0.0	Agreed CRs category "B" (New features)	approved	3.1.0

1) There was no disagreement in WG4 on CR 005 to 25.102, although it was similar to CR 016 to 25.101. There had been sufficient time to discuss this CR in WG4, unlike CR 016 to 25.101. There were still doubts on CR 005. Interested companies were invited to contribute on the topic in WG4.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99777	25.104	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99778	25.104	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	CR 016 was rejected 1); CR 019 was withdrawn 2); the rest was approved	3.1.0
RP-99825	25.104	3.0.0	Agreed CR 019r2	approved	3.1.0
RP-99831	25.104	3.0.0	CR 016r1	approved	3.1.0

1) Following the previous discussions on CR 016 to 25.101 and CR 005 to 25.102, CR 016 to 25.104 was rejected. A new version of CR 016 was provided in RP-99831.
2) Due to editorial error, this CR had no change bars. A corrected version was drafted in RP-99825.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99779	25.105	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99780	25.105	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0
RP-99781	25.105	3.0.0	Agreed CRs category "B" (New features)	approved	3.1.0
RP-99870	25.105	3.0.0	Agreed CR 003	approved 1)	3.1.0

1) CR 003 to 25.105 "BS maximum input level (TDD)" was accidently omitted from RP-99780, although it was on the cover sheet in that document. It can be found in tdoc RP-99870 and will be implemented in TS 25.105 v3.1.0.

CRs to TR 25.941: Document Structure

Tdoc	Related report	Current version	Title	Result	Final version
RP-99782	25.941	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0

Specifications from WG4 for approval

Tdoc	Agreed as spec.	Presented as version	Title	Result	Final version
RP-99724 / RP-99723 (cover)	25.113	2.0.1	Base station EMC	approved	3.0.0
RP-99726 / RP-99725 (cover)	25.123	2.3.0	Requirements for support of Radio Resource Management (TDD)	approved	3.0.0
RP-99768 / RP-99767 (cover)	25.133	2.3.0	Requirements for support of Radio Resource Management (FDD)	approved	3.0.0
RP-99728 / RP-99727 (cover)	25.141	2.1.3	Base station conformance testing (FDD)	approved	3.0.0
RP-99730 / RP-99729 (cover)	25.142	2.2.0	Base station conformance testing (TDD)	approved	3.0.0

Reports from WG4 for information

Tdoc	Agreed as report	Presented as version	Title	Result	Final version
RP-99732 / RP-99731 (cover)	25.942	2.1.1	RF Scenarios	endorsed	2.1.0
RP-99770 / RP-99769 (cover)	25.943	0.1.0	Deployment scenarios	noted	0.1.0

5.4 TSG-RAN WG3

5.4.1 Report from TSG-RAN WG3

RP-99611 Status Report RAN WG3, 1999-12-10 (TSG-RAN WG3 Chairman)
Per Willars (Chairman TSG-RAN WG3) presented this report. Around 2000 documents had been handled in the year 1999.

Discussion: The TR 25.931 was not aligned with the specifications, but the TR was not necessary for WG3's work itself and was considered low priority by WG3.
Decision: The report was noted. It was agreed that WG3 would assign lower priority to updating TR 25.931 before March 2000 than to other WG3 work. TSG-RAN also endorsed the principles outlined by WG3 in deciding which work to prioritise (1) Ensure completeness/correctness of R99 TSs for the "Basic" (TSG-RAN #6) functionality; 2) complete the R99 TSs with an identified list of features / functions for RAN#7; 3) update the not completed R99 TRs (alternatively, drop the TR); 4) start the work on R00).

5.4.2 Discussions on decisions from TSG-RAN WG3

RP-99718 Proprietary extensions in TSG-RAN-WG3 protocols (Alcatel, BT, CSELT, France Telecom, GSM Association, Mannesmann Mobilfunk, Mitsubishi Electric, Nortel Networks, Telenor, TIM, T-Mobil, Vodafone AirTouch)
This document was withdrawn.

5.4.3 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-99735	25.401	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99736	25.401	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0
RP-99737	25.401	3.0.0	Agreed CRs category "B" (New features)	approved 1)	3.1.0
RP-99833	25.401	3.0.0	Agreed CR 011	approved	3.1.0

1) CR 005 should be of category "F" instead of "B". Carolyn Taylor (TSG-RAN WG3 Secretary) would change this in the CR database maintained at MCC.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99740	25.410	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99741	25.410	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0

CRs to TS 25.411: UTRAN Iu interface Layer 1

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99742	25.411	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99743	25.411	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0

CRs to TS 25.412: UTRAN Iu interface signalling transport

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99744	25.412	3.1.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.2.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99747	25.414	3.1.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.2.0

CRs to TS 25.415: UTRAN Iu interface user plane protocols

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99748	25.415	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99749	25.415	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0
RP-99750	25.415	3.0.0	Agreed CRs category "B" (New features)	approved	3.1.0

CRs to TS 25.422: UTRAN Iur interface signalling transport

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99753	25.422	3.1.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.2.0

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-99758	25.427	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99759	25.427	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0
RP-99760	25.427	3.0.0	Agreed CRs category "B" (New features)	approved	3.1.0

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-99765	25.435	3.0.0	Agreed CRs category "D" (Editorial)	approved	3.1.0
RP-99766	25.435	3.0.0	Agreed CRs category "C" (Modification) and "F" (Correction)	approved	3.1.0

Specifications from WG3 for approval

Tdoc	Agreed as spec.	Presented as version	Title	Result	Final version
RP-99739 / RP-99738 (cover)	25.402	2.0.0	Synchronisation in UTRAN Stage 2	approved 1)	3.0.0
RP-99746 / RP-99745 (cover)	25.413	2.1.0	UTRAN Iu interface RANAP signalling	approved	3.0.0
RP-99796 / RP-99751 (cover)	25.420	2.0.0	UTRAN Iur Interface: General Aspects and Principles	approved 2)	3.0.0
RP-99755 / RP-99754 (cover)	25.423	2.0.0	UTRAN Iur interface RNSAP signalling	approved	3.0.0
RP-99757 / RP-99756 (cover)	25.425	2.0.0	UTRAN Iur interface user plane protocols for CCH data streams	approved	3.0.0
RP-99762 / RP-99761 (cover)	25.430	2.2.0	UTRAN Iub Interface: General Aspects and Principles	approved	3.0.0
RP-99764 / RP-99763 (cover)	25.433	2.0.0	NBAP specification	approved	3.0.0

1) This specification will be forwarded to WG4 for urgent comments.
2) RP-99752 was a version, which had not accepted the changes agreed by WG3 and was therefore replaced by RP-99796.

Reports from WG3 for information

Tdoc	Agreed as report	Presented as version	Title	Result	Final version
RP-99829 / RP-99832 (cover)	30.531	0.5.0	Workplan	noted	0.5.0

6 ITU Ad Hoc

RP-99715 Report (ITU Ad Hoc Contact Person)
Nicola Pio Magnani (ITU Ad Hoc Contact Person) presented this report. The TSG-RAN #6 (October 1999) results were successfully introduced into the ITU documents. ITU-R TG 8/1 was discontinued and the work related to IMT-2000 was allocated to a new permanent Working Party 8F (WP 8F). No activity was needed at the moment, but the Ad Hoc Contact Person requested that the Ad Hoc group be allowed to remain in existence, but dormant.
Decision: The report was noted. Its conclusion (to keep the Ad Hoc group in "dormant mode" until and if necessary to be 'awoken') was approved.

RP-99827 LS from ITU-R TG 8/1- final approval of IMT RSPC (ITU-R TG 8/1) (see 4.2)

RP-99828 LS from ITU-R TG 8/1 on unwanted emissions for IMT 2000 (ITU-R TG 8/1) (see 4.2)

7 Release'99 and future releases

7.1 Discussion on handling of unstable items

7.1.1 CPCH

RP-99710 R99 Cover sheet CPCH (FDD only) (TSG-RAN WG1)
Antti Toskala (Chairman TSG-RAN WG1) presented this document.
Decision: The document was replaced by RP-99859.

RP-99673 R99 Cover sheet CPCH (TSG-RAN WG2)
Denis Fauconnier (Chairman TSG-RAN WG2) presented this document.
Discussion: The "consequences if not included" was blank. The meaning of this was not clear. The WG chairs would provide a draft taking into account all WGs' input.
Decision: The document was replaced by RP-99859.

RP-99802 CPCH support on Iub and Iur (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: The document was replaced by RP-99859.

RP-99617 Comments on the CPCH (Samsung Electronics)
This document was not discussed as consensus was reached.

RP-99674 CPCH vs. DCH vs. RACH (GBT)
This document was not discussed as consensus was reached.

RP-99716 CPCH (GBT)
This document was not discussed as consensus was reached.

RP-99717 CPCH Status (GBT)
This document was not discussed as consensus was reached.

RP-99795 CPCH Status in RAN1, RAN2 and RAN3 Working Groups (GBT)
This document was not discussed as consensus was reached.

RP-99626 CR 003r1 to TS 25.302, CPCH Parameters for Physical Layer Primitive (GBT)
This document was withdrawn.

RP-99639 CR 020r1 to TS 25.321, MAC Procedure for Control of CPCH Transmission (GBT)
This document was withdrawn.

7.1.2 Gated transmission

RP-99711 R99 Cover sheet DPCCH gating (FDD only) (TSG-RAN WG1)
Antti Toskala (Chairman TSG-RAN WG1) presented this document.
Decision: See the decision for RP-99866 (below).

RP-99672 R99 Cover sheet Gated transmission (TSG-RAN WG2)
Denis Fauconnier (Chairman TSG-RAN WG2) presented this document.
Discussion: Antti Toskala (Chairman TSG-RAN WG1) stated that the current status in WG1 was that gated transmission was optional for both uplink and downlink and also optional was both in the UE and in the network.
Decision: See the decision for RP-99866 (below).

RP-99810 Support of gated DPCCH transmission on Iur and Iub (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: See the decision for RP-99866 (below).

RP-99616 Clarification of current status of Gated DPCCH Transmission (Samsung Electronics)
This document was replaced by RP-99866.

RP-99866 Proposal to include gated DPCCH transmission in Release '99 (Samsung Electronics)
Craig Bishop (Samsung Electronics) presented this document.
Discussion: There was no impact on services and no backward compatibility issue if gated transmission was not included in R99. However, it was in many ways a performance issue and some of those had been allowed to be included in R99. The benefit as presented was the saving of battery life. The WG3 chairman stated that WG3 had a large workload due to the other R99 issues that needed completion and that he did not think he could include gated transmission in addition. The WG2 chairman stated that the savings of 40% mentioned were not agreed in WG2 and that WG2 was unsure what the status in WG1 was as there were conflicting views on that status by various WG2 delegates. Also, it was not clear if even the asymmetrical case would work. This was still under study in WG2. The WG4 chairman stated that WG4 was still waiting for WG1 to come to a decision.
Decision: The topic was decided not to be in R99.

7.1.3 Other

RP-99709 R99 Cover sheet Compressed mode with puncturing (FDD only) (TSG-RAN WG1)
Antti Toskala (Chairman TSG-RAN WG1) presented this document.
Discussion: There were objections against the specific proposals in WG1, but not against the principle itself. It was questioned whether this was essential for R99. For operators and some network manufacturers it was considered to be essential, but some other manufacturers did not think so.
Decision: TSG-RAN could not reach consensus on whether or not this was essential. Nevertheless, the topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The actual method needs further discussion in WG1. If WG1 cannot conclude on this topic, TSG-RAN will take a final decision in March 2000 at TSG-RAN #7. WG1 has to inform WG2, WG3 and WG4on the outcome of its discussions as soon as possible.

RP-99712 R99 Cover sheet Small size turbo interleavers (FDD+TDD) (TSG-RAN WG1)
Antti Toskala (Chairman TSG-RAN WG1) presented this document.
Decision: The document was replaced by R2-99860.

RP-99713 R99 Cover sheet Out-of-synchronisation state handling (FDD+TDD) (TSG-RAN WG1)
Antti Toskala (Chairman TSG-RAN WG1) presented this document.
Decision: WG4 should also work on this topic. The relevant WG4 specifications would be added to the cover sheet. The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA.

RP-99714 R99 Cover sheet Cell parameter cycling (TDD only) (TSG-RAN WG1)
Antti Toskala (Chairman TSG-RAN WG1) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA.

RP-99793 R99 Cover sheet Parity Bit attachment to 0 bit transport block (TSG-RAN WG1)
Antti Toskala (Chairman TSG-RAN WG1) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The WG1 chairman would provide a better description of the "consequences if not included" for TSG-SA, with help of the WG2 chairman.

RP-99797 R99 Cover Sheet: CPICH SIR Measurement (Chairman TSG-RAN WG1)
Antti Toskala (Chairman TSG-RAN WG1) presented this document.
Decision: The document was replaced by RP-99858.

RP-99798 R99 Cover Sheet: Uplink Synchronous Transmission (FDD only) (TSG-RAN WG1, WG2 and WG3 Chairmen)
Antti Toskala (Chairman TSG-RAN WG1) presented this document.
Discussion: The Chairmen proposed to drop this issue from R99.
Decision: The topic would not be included in R99.

RP-99668 R99 Cover sheet UE capability (TSG-RAN WG2)
Denis Fauconnier (Chairman TSG-RAN WG2) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form was in RP-99865.

RP-99669 R99 Cover sheet LCS (TSG-RAN WG2)
Denis Fauconnier (Chairman TSG-RAN WG2) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form was in RP-99851.

RP-99670 R99 Cover sheet Cell selection/reselection (TSG-RAN WG2)
Denis Fauconnier (Chairman TSG-RAN WG2) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form was in RP-99861. The SoLSA part was in RP-99864.

RP-99671 R99 Cover sheet Outer loop power control (TSG-RAN WG2)
Denis Fauconnier (Chairman TSG-RAN WG2) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form was in RP-99863.

RP-99783 R99 Cover sheet UTRAN architecture (TSG-RAN WG3 Chairman)

RP-99784 R99 Cover sheet Iu general aspects (TSG-RAN WG3 Chairman)

RP-99785 R99 Cover sheet Iu signalling "RANAP" (TSG-RAN WG3 Chairman)

RP-99786 R99 Cover sheet Iur/Iub general aspects (TSG-RAN WG3 Chairman)

RP-99787 R99 Cover sheet Iur signalling "RNSAP) (TSG-RAN WG3 Chairman)

RP-99788 R99 Cover sheet Iur/Iub user plane protocols (TSG-RAN WG3 Chairman)

RP-99789 R99 Cover sheet Iub signalling (NBAP) (TSG-RAN WG3 Chairman)

RP-99790 R99 Cover sheet Study items for future release (TSG-RAN WG3 Chairman)
These 8 R99 Cover sheets were withdrawn and replaced by RP-99799 through RP-99806; additionally Per Willars (TSG-RAN WG3 Chairman) provided RP-99807 through RP-99824 on R99 items.

RP-99799 Available capacity estimate in a drift cell (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Discussion: There was no clear understanding what was meant by "less optimal" resource handling.
Decision: The topic was not included in R99.

RP-99800 Cell broadcast protocols between SMS-CBC and RNC (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Discussion: The decision on this issue had been taken at TSG-RAN #5.
Decision: A new protocol stack was needed. Therefore, a new specification would be needed also. The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form was RP-99838.

RP-99801 Support of soft handover during active compressed mode pattern (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form was in RP-99839.

RP-99803 Delay performance requirements (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: For real-time services, the topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The work would be done jointly with WG2, but led by WG3. The updated R99 form was in RP-99840.

RP-99804 Delayed activation at Radio Link establishment (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.

Discussion: There were different opinions on the urgency of including this as an R99 issue. The chairmen discussed the issue and put forward the position that it should be included in R99.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form was in RP-99841.

RP-99805 Reconfiguration of DL TPC step size (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Discussion: The topic was performance enhancing and not a major aspect.
Decision: The topic would not be included in R99.

RP-99806 DPC Rate Reduction in soft handover and DPC mode handling (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Discussion: This topic was performance enhancing.
Decision: The topic would not be included in R99.

RP-99807 DRX parameter on Iur (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form was in RP-99842.

RP-99808 DSCH (FDD+TDD) and USCH (TDD) on Iub (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form was in RP-99843. The consequences section needed to be updated to include both DSCH and USCH, to mention that high-speed packet services in the downlink would not be supported, and to mention limitation of capacity due to code shortage. For TDD signalling in the tasks also USCH would be included.

RP-99809 FACH power control on Iur (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Discussion: The topic was performance enhancing.
Decision: The topic would not be included in R99.

RP-99811 Version handling and compatibility issues for Iub/Iur user plane protocols (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. WG2 and WG3 were urged ensure consistency. The updated R99 form was in RP-99844.

RP-99812 Precise definition of parameters for optimisation on Iur and Iub (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Discussion: There had been difficulties in reaching conclusive definitions in WG3.

Decision: The topic was agreed by TSG-RAN for inclusion in R99 but would not be presented to TSG-SA as it is too fine detail. The parameters should be defined by January 2000 (WG3 #10 meeting). The updated form was in RP-99845, but would not be submitted.

RP-99845 Parameters for optimisation on Iur and Iub (TSG-RAN WG3 Chairman)
This was the update of RP-99812 that was considered too detailed an issue for presentation to TSG-SA.

RP-99813 Iu time alignment (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 was RP-99846

RP-99814 Load information on Iur (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Discussion: The topic was between two controlling RNCs and was performance enhancing. There might be a link with the topic of available capacity in a drift cell (RP-99799).
Decision: The topic would not be included in R99.

RP-99815 Capacity modelling of Node B resources (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Discussion: The topic was performance enhancing.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 was RP-99848. WG3 was tasked to study a simple solution before March. Release 2000 might contain the full solution.

RP-99816 Partial relocation procedure (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form is RP-99849.

RP-99817 Physical channel reconfiguration procedure on Iur (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Discussion: The topic was largely in the specifications already but needed some completion.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form was in RP-99850.

RP-99818 Support for specific positioning methods on Iur and Iub (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated form was in RP-99851.

RP-99819 Triggering of the Common Transport channel resources initiation procedure (selection of S CCPCH) (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.

Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form was in RP-99852.

RP-99820 DSCH and USCH on Iur (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. WG3 was urged to use the same principles as applied to RACH and FACH, in order to reduce the work. The updated R99 form was in RP-99853.

RP-99821 Node B origination of SIBs on BCCH (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. WG2 would discuss which SIBs, if any, would need to be generated by Node B and inform WG1 of the result in January 2000. The updated R99 form was in RP-99854.

RP-99822 SoLSA on Iu (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA, if it was done in the same way as for GSM. The chairmen would take this into account when drafting the output of TSG-RAN for TSG-SA. The updated R99 form was in RP-99864.

RP-99823 TDD neighbour cell measurement (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Discussion: The topic was not supported by WG1.
Decision: The topic would not be included in R99.

RP-99824 Tracing deactivation from CN (TSG-RAN WG3 Chairman)
Per Willars (TSG-RAN WG3 Chairman) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form was in RP-99855.

7.2 Towards Release'00

RP-99705 Timeplan WG1 (TSG-RAN WG1 Chairman)
Takehiro Nakamura (Vice-Chairman TSG-RAN WG1) presented this timeplan.
Discussion: The work task descriptions need to be made.

RP-99706 Timeplan WG2 (TSG-RAN WG2 Chairman)
Denis Fauconnier (Chairman TSG-RAN WG2) presented this timeplan.
Discussion: The DS-41 was part of R99 and was therefore covered by this timeplan. In TSG-RAN #7 it should be decided what is in Release 2000. There should be a work task description for each work task for Release 2000. The items that are already in the timeplan are mostly UTRAN-internal.

RP-99707 Timeplan WG3 (TSG-RAN WG3 Chairman)
Per Willars (Chairman TSG-RAN WG3) stated that the WG3 timeplan was not available yet.

Discussion: The work task descriptions need to be made.
Decision: TSG-RAN requested all companies to provide the appropriate experts to make sure that WG3 work, including the heavy workload in the first three months of the year 2000 would be finished within the ambitious timescale set, or TSG-RAN would run the risk not to have any R99 available for UTRAN.

RP-99708 Timeplan WG4 (TSG-RAN WG4 Chairman)
Howard Benn (Chairman TSG-RAN WG4) presented this timeplan.
Discussion: The work after TSG-RAN #6 was missing. This was a mistake, but information could be found in RP-99615 (the WG4 report). The work task descriptions need to be made.

Decision (on all timeplans): The timeplans were noted. It should be clear that corrections were part of R99, not of Release 2000. They were for information and the WGs' chairs would discuss after this meeting. The work task descriptions need to be made for each of the WGs.

RP-99675 The Framework for TDD Harmonisation (CWTS)
This document was replaced by RP-99835.

RP-99835 The Framework for TDD low chip rate option in Release 2000 (CWTS)
Guiliang Yang (CWTS) presented this document.
Discussion: The deadline for WG1 on this topic was September 2000. The issue was already in the WG1 workplan. The impact of the low chip rate option was mainly on WG1 and WG4. The impact on WG2 and WG3 was thought to be minimal. Concern was expressed with regard to economies of scale in having two diverging TDD modes. Nicola Pio Magnani (ITU Ad Hoc Contact Person) clarified that in ITU Recommendation IMT.RSPC there were two separate sub-sections on TDD, but that this was due to the harmonisation not having finished at the time when the ITU Recommendation was written. There was a very clear clarification in the ITU Recommendation IMT.RSPC that the goal was to harmonise the TDD modes. Francois Courau (Vice-Chairman TSG-RAN) stated that there was a possible impact on services as well. It was thought that the only impact was that new services might be provided.
Decision: CWTS and the WGs were urged to harmonise the TDD modes as much as possible, in the ideal case creating a single TDD mode with two chiprates. It was agreed to add the technical integration of the narrowband TDD chiprate functionality into the 3GPP TDD mode as a work item for all WGs for Release 2000.

RP-99836 Proposal for Release 2000 Work Task on IP in UTRAN (Alcatel)
Jean-Michel Gabriagues (Alcatel) presented this document.
Discussion: The work needed to be done in WG3. It was suggested to have the decision on all work tasks and therefore also on this one. However, it was said that the IETF needed a decision now. Motorola and Lucent supported Alcatel in requesting a decision at this meeting. The idea was to progress the work by having the work started in IETF and use the results in TSG-RAN. In the schedule some of the dates were wrong and should of course be 2000 instead of 1999. The timeplan was for WG3, but the WG3 chairman was concerned that it might be too optimistic. The proposal was for the transport, not for the voices.
Decision: IP transport in UTRAN was approved as a work task. Requirements would be provided for the next TSG-RAN meeting (#7). The description would be updated to include all the concerns mentioned.

RP-99869 Inclusion of gated DPCCH transmission in 3GPP standard (ETRI, LGIC, SK Telecom, KT, Dacom, Samsung Electronics)
Craig Bishop (Samsung Electronics) presented this document, which is copied in Annex D.

Discussion: There were difficulties in assigning a date like "June" for this topic, as December is the only deadline for Release 2000. Discussion should not be prevented and should be fairly dealt with if and when contributions come in. The input of the R99 cover sheets from WG1, WG2 and WG3 on this topic was meant to flag it as an issue, needed a decision by TSG-RAN and did not mean that the topic was supported by the WGs for inclusion in R99. The Vice-Chairman of WG1, Secretary of WG2 and Chairman of WG3 confirmed this. The source companies requested to note the second paragraph of the contribution in the minutes.
Decision: The gated DPCCH was agreed as a work task for Release 2000.

8 Output to other groups

RP-99857 TSG RAN Release –99 outstanding items handling (WG1, WG2, WG3 & WG4 Chairmen)
Antti Toskala (Chairman TSG-RAN WG1) presented this document, which was the result of the WG chairmen discussing the R99 sheets proposed in Section 7.
Discussion: The introduction of this document suggested that RAN was not trying to finish R99 by December 1999 and was therefore misleading. This would need to be changed if the report was presented to TSG-SA.
Decision: The document would be updated and attached to the TSG-RAN Chairman's report to TSG-SA.

8.1 R99 cover sheets for TSG-SA

The information from these updated cover sheets (where necessary updated after the discussion in TSG-RAN) would be presented to TSG-SA in SP-99617. Additionally, RP-99709, RP-99713, RP-99714 and RP-99793 were taken into account in the output to SA.

RP-99838 Cell broadcast protocols between SMS-CBC and RNC (TSG-RAN WG3 Chairman)

RP-99839 Support of soft handover during active compressed mode pattern (TSG-RAN WG3 Chairman)

RP-99840 Delay performance requirements (TSG-RAN WG3 Chairman)

RP-99841 Delayed activation at Radio Link establishment (TSG-RAN WG3 Chairman)

RP-99842 DRX parameter on Iur (TSG-RAN WG3 Chairman)

RP-99843 DSCH (FDD+TDD) and USCH (TDD) on Iub (TSG-RAN WG3 Chairman)

RP-99844 Version handling and compatibility issues for Iub/Iur user plane protocols (TSG-RAN WG3 Chairman)

RP-99846 Iu time alignment (TSG-RAN WG3 Chairman)

RP-99848 Capacity modelling of Node B resources (TSG-RAN WG3 Chairman)

RP-99849 Partial relocation procedure (TSG-RAN WG3 Chairman)

RP-99850 Physical channel reconfiguration procedure on Iur (TSG-RAN WG3 Chairman)

RP-99851 Support in UTRAN for specific LCS methods (TSG-RAN WG3 Chairman)

RP-99852 Triggering of the Common Transport channel resources initiation procedure (selection of S CCPCH) (TSG-RAN WG3 Chairman)

RP-99853 DSCH and USCH on Iur (TSG-RAN WG3 Chairman)

RP-99854 Node B origination of SIBs on BCCH (TSG-RAN WG3 Chairman)

RP-99855 Tracing deactivation from CN (TSG-RAN WG3 Chairman)

RP-99858 R99 Cover Sheet: CPICH SIR Measurement (WG1, WG2, WG3 & WG4 Chairmen)
Antti Toskala (Chairman TSG-RAN WG1) presented this document.
Decision: The WG1 or WG2 specifications needed to be harmonised, depending on the outcome of WG4. The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA.

RP-99859 R99 Cover Sheet: CPCH (FDD only) (WG1, WG2, WG3 & WG4 Chairmen)
Antti Toskala (Chairman TSG-RAN WG1) presented this document.
Discussion: There was consensus that CPCH should be in R99 in some form. There was considerable concern about whether this should be optional or mandatory. "Optional" was intended by the chairmen to mean optional for all terminals.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. TSG-RAN agreed that a condition was that it was optional in R99 for both UE and UTRAN. Optionality would be revisited in TSG-RAN #7. The WGs shall not have any discussion on optionality. With respect to the actual R99 cover sheet, 25.141 was also impacted. The word 'none' would be dropped from the consequences.

RP-99860 R99 Cover sheet Small size turbo interleavers (FDD+TDD) (TSG-RAN WG Chairmen)
Antti Toskala (Chairman TSG-RAN WG1) presented this document.
Decision: The topic was agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA.

RP-99861 Release 99 submission form for Cell selection/reselection (TSG-RAN WG Chairmen)

RP-99863 Release 99 submission form for Downlink Outer loop power control (TSG-RAN WG Chairmen)

RP-99864 Release 99 submission form for SoLSA (TSG-RAN WG Chairmen)

RP-99865 Release 99 submission form for initial UE capability (TSG-RAN WG Chairmen)

8.2 Open issues not proposed for R99

These issues were considered by TSG-RAN but proposed not to be included in R99. This was conveyed to TSG-SA in SP-99618. In that document also the topics already decided in Section 7 were taken into account: RP-99805, RP-99806, RP-99809, RP-99823 and Gated transmission (see Section 7.1.2).

RP-99837 Available capacity estimate in a drift cell (TSG-RAN WG3 Chairman)
This was an update of RP-99799, but it would not be included in R99.

RP-99847 Load information on Iur for neighbouring cells (TSG-RAN WG3 Chairman)
This was the update of RP-99814, but it would not be included in R99.

RP-99862 Release 99 submission form for DPCCH Gating (TSG-RAN WG Chairmen)
This was prepared in case TSG-RAN decided to reject the chairmen's suggestion to drop the issue from R99. The issue was dropped because gating was not included in R99.

8.3 Outgoing Liaisons

RP-99868 Draft LS (to TSG-SA WG1, copy TSG-CN WG1, SMG2) on urgent need for requirements on Idle Mode (TSG-RAN WG2 Chairman)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this document.
Decision: The LS was approved.

9 Project management

RP-99733 Technical project co-ordination and management (TSG-SA WG2 Chairman)

RP-99734 Model for the technical management and project co-ordination for 3GPP (TSG-SA WG2 Chairman)
Francois Courau (TSG-RAN Vice-Chairman) presented these two documents. RP-99733 was the presentation, RP-99734 the explanation.
Decision: The work tasks will be defined by TSG-RAN, not by the WGs. Work can be started without necessarily having described the features.

RP-99867 Proposed methods on how to proceed on RRM aspects (CSELT)
Nicola Pio Magnani (CSELT) presented this document.

Discussion: The WG chairmen were generally in favour of the proposals. It was suggested to involve SMG2 where necessary as well. Joint activities (Ad Hoc meetings) were considered better than LS.
Decision: There would be a discussion between CSELT and the WG2 and WG4 on organising an Ad Hoc meeting in January. The companies were requested to ask their experts going to the different WG meetings to do some intra-company co-ordination as there appeared to be double work in some of the specifications of the different WGs.

10 Workplan and future meetings

For future meetings, see Annex E. The chairman urged companies to consider hosting the WG meetings, as hosts were still needed. Also, in order to facilitate CWTS delegates to come to meetings, timely invitations with personalised invitations to them would be needed.

11 Any Other Business

RP-99856 3G 2000 Conference (Lucent Technologies)
This document was for information.

12 Closing

The chairman closed the meeting at 18.30 on 15 December 1999 and thanked all delegates and especially the WG members who had recently had some very busy months. He also thanked the hosts for providing excellent meeting facilities and suggesting that after having experienced a working LAN for several meetings, it was impossible to go back to paper.

Annex A: List of delegates

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Annex B: List of documents

Doc.No.	Title	Source	Ag.It.	Comments
RP-99601	Draft TSG- RAN#5 meeting report (Kyongju, Korea)	MCC, Hans van der Veen	3	
RP-99602	Revised Draft TSG--RAN#5 meeting report (Kyongju, Korea)	MCC, Hans van der Veen	3	
RP-99603	Approved TSG--RAN#5 meeting report (Kyongju, Korea)	MCC, Hans van der Veen	3	
RP-99604	Draft Agenda for RAN#6	TSG-RAN Chairman	2	
RP-99605	(R2-99g82, copy TSG-RAN) Response to LS from S2 on CBS documentation	TSG-RAN WG2	4.1	
RP-99606	(R2-99k64, to TSG-RAN) LS on Header Compression and IETF	TSG-RAN WG2	4.1	
RP-99607	(2-99-I73, copy TSG-RAN) LS on UE/MS idle mode operation	SMG2	4.2	
RP-99608	(2-99-K00, copy TSG-RAN) LS on replacement antennas	SMG2	4.2	
RP-99609	(2-99-K13, copy TSG-RAN) Response to LS (R2-99g66) on measurement order parameters sent to the MS, for GSM to UMTS handover	SMG2	4.2	
RP-99610	(T1P1/99-283R1, to TSG-RAN) Response to LS (SP-99427) on Inter-network soft handover	T1P1	4.2	
RP-99611	Status Report RAN WG3, 1999-12-10	TSG-RAN WG3 Chairman	5.4.1	
RP-99612	TR R1.04 v0.0.3 "Channel coding and multiplexing examples"	TSG-RAN WG1	5.1.3	
RP-99613	TSG-RAN WG1 report	TSG-RAN WG1 Chairman	5.1.1	
RP-99614	TSG-RAN WG2 report	TSG-RAN WG2 Chairman	5.2.1	
RP-99615	TSG-RAN WG4 report	TSG-RAN WG4 Chairman	5.3.1	
RP-99616	Clarification of current status of Gated DPCCH Transmission	Samsung Electronics	7.1	
RP-99617	Withdrawn			Withdrawn
RP-99618	(S1-991063, to TSG-RAN) LS on Cell Broadcast Service (CBS) Reception in Connected Mode	TSG-SA WG1	4.1	
RP-99619	Cover sheet for TS 25.301	TSG-RAN WG2	5.2.3	withdrawn
RP-99620	CRs to TS 25.301 category "D" (Editorial)	TSG-RAN WG2	5.2.3	
RP-99621	CRs to TS 25.301 category "C" (Modification) and "F" (Correction)	TSG-RAN WG2	5.2.3	
RP-99622	Cover sheet for TS 25.302	TSG-RAN WG2	5.2.3	withdrawn
RP-99623	CRs to TS 25.302 category "D" (Editorial)	TSG-RAN WG2	5.2.3	
RP-99624	CRs to TS 25.302 category "C" (Modification) and "F" (Correction)	TSG-RAN WG2	5.2.3	
RP-99625	CRs to TS 25.302 category "B" (New features)	TSG-RAN WG2	5.2.3	
RP-99626	CR 003r1 to TS 25.302, CPCH Parameters for Physical Layer Primitive	GBT	7.1	
RP-99627	Cover sheet for TS 25.303	TSG-RAN WG2	5.2.3	withdrawn
RP-99628	CRs to TS 25.303 category "D" (Editorial)	TSG-RAN WG2	5.2.3	
RP-99629	CRs to TS 25.303 category "C" (Modification) and "F" (Correction)	TSG-RAN WG2	5.2.3	
RP-99630	Cover sheet for TS 25.304	TSG-RAN WG2	5.2.3	withdrawn
RP-99631	CRs to TS 25.304 category "D" (Editorial)	TSG-RAN WG2	5.2.3	
RP-99632	CRs to TS 25.304 category "C" (Modification) and "F" (Correction)	TSG-RAN WG2	5.2.3	
RP-99633	CRs to TS 25.304 category "B" (New features)	TSG-RAN WG2	5.2.3	
RP-99634	Cover sheet for TS 25.305	TSG-RAN WG2	5.2.3	
RP-99635	TS 25.305 v2.0.0: Location Services (LCS) features	TSG-RAN WG2	5.2.3	
RP-99636	Cover sheet for TS 25.321	TSG-RAN WG2	5.2.3	withdrawn
RP-99637	CRs to TS 25.321 category "D" (Editorial)	TSG-RAN WG2	5.2.3	
RP-99638	CRs to TS 25.321 category "C" (Modification) and "F" (Correction)	TSG-RAN WG2	5.2.3	
RP-99639	CR 020r1 to TS 25.321, MAC Procedure for Control of CPCH Transmission	GBT	7.1	
RP-99640	Cover sheet for TS 25.322	TSG-RAN WG2	5.2.3	withdrawn
RP-99641	CRs to TS 25.322 category "D" (Editorial)	TSG-RAN WG2	5.2.3	
RP-99642	CRs to TS 25.322 category "C" (Modification) and "F" (Correction)	TSG-RAN WG2	5.2.3	
RP-99643	CRs to TS 25.322 category "B" (New features)	TSG-RAN WG2	5.2.3	
RP-99644	Cover sheet for TS 25.323	TSG-RAN WG2	5.2.3	
RP-99645	TS 25.323 v2.0.0: Description of the PDCP protocol	TSG-RAN WG2	5.2.3	
RP-99646	Cover sheet for TS 25.324	TSG-RAN WG2	5.2.3	

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RP-99647	TS 25.324 v2.0.0: Description of the BMC protocol	TSG-RAN WG2	5.2.3	
RP-99648	Cover sheet for TS 25.331	TSG-RAN WG2	5.2.3	
RP-99649	TS 25.331 v"Intermediate": RRC protocol	TSG-RAN WG2	5.2.3	
RP-99650	CRs to TS 25.331 v3.0.0 category "D" (Editorial)	TSG-RAN WG2	5.2.3	
RP-99651	CRs to TS 25.331 v3.0.0 category "C" (Modification) and "F" (Correction)	TSG-RAN WG2	5.2.3	
RP-99652	CRs to TS 25.331 v3.0.0 category "B" (New features)	TSG-RAN WG2	5.2.3	
RP-99653	CRs to TS 25.331 v"Intermediate" category "D" (Editorial)	TSG-RAN WG2	5.2.3	
RP-99654	CRs to TS 25.331 v"Intermediate" category "C" (Modification) and "F" (Correction) 1st set	TSG-RAN WG2	5.2.3	
RP-99655	CRs to TS 25.331 v"Intermediate" category "C" (Modification) and "F" (Correction) 2nd set	TSG-RAN WG2	5.2.3	
RP-99656	CRs to TS 25.331 v"Intermediate" category "B" (New features) 1st set	TSG-RAN WG2	5.2.3	
RP-99657	CRs to TS 25.331 v"Intermediate" category "B" (New features) 2nd set	TSG-RAN WG2	5.2.3	
RP-99658	Cover sheet for TR 25.921	TSG-RAN WG2	5.2.3	
RP-99659	TR 25.921 v2.0.0: Guidelines and principles for protocol description and error handling	TSG-RAN WG2	5.2.3	
RP-99660	Cover sheet for TR 25.922	TSG-RAN WG2	5.2.3	
RP-99661	TR 25.922 v2.0.0: Radio Resource Management Strategies	TSG-RAN WG2	5.2.3	
RP-99662	Cover sheet for TR 25.924	TSG-RAN WG2	5.2.3	
RP-99663	TR 25.924 v1.0.0: ODMA	TSG-RAN WG2	5.2.3	
RP-99664	Cover sheet for TR 25.925	TSG-RAN WG2	5.2.3	
RP-99665	TR 25.925 v2.0.0: Broadcast/Multicast services	TSG-RAN WG2	5.2.3	
RP-99666	Cover sheet for TR 25.926	TSG-RAN WG2	5.2.3	
RP-99667	TR 25.926 v1.0.0: UE Radio Access Capabilities	TSG-RAN WG2	5.2.3	
RP-99668	R99 Cover sheet UE capability	TSG-RAN WG2	7.1	
RP-99669	R99 Cover sheet LCS	TSG-RAN WG2	7.1	
RP-99670	R99 Cover sheet Cell selection/reselection	TSG-RAN WG2	7.1	
RP-99671	R99 Cover sheet Outer loop power control	TSG-RAN WG2	7.1	
RP-99672	R99 Cover sheet Gated transmission	TSG-RAN WG2	7.1	
RP-99673	R99 Cover sheet CPCH	TSG-RAN WG2	7.1	
RP-99674	CPCH vs DCH vs RACH	GBT	7.1	
RP-99675	The Framework for TDD Harmonisation	CWTS	4.2?	
RP-99676	CRs to TS 25.211 v3.0.0 category "D" (Editorial)	TSG-RAN WG1	5.1.3	
RP-99677	CRs to TS 25.211 v3.0.0 category "C" (Modification) and "F" (Correction)	TSG-RAN WG1	5.1.3	
RP-99678	CRs to TS 25.211 v3.0.0 category "B" (New features)	TSG-RAN WG1	5.1.3	
RP-99679	CRs to TS 25.212 v3.0.0 category "D" (Editorial)	TSG-RAN WG1	5.1.3	
RP-99680	CRs to TS 25.212 v3.0.0 category "C" (Modification) and "F" (Correction)	TSG-RAN WG1	5.1.3	
RP-99681	CRs to TS 25.212 v3.0.0 category "B" (New features)	TSG-RAN WG1	5.1.3	
RP-99682	CRs to TS 25.213 v3.0.0 category "D" (Editorial)	TSG-RAN WG1	5.1.3	
RP-99683	CRs to TS 25.213 v3.0.0 category "C" (Modification) and "F" (Correction)	TSG-RAN WG1	5.1.3	
RP-99684	Corrected CRs to TS 25.211 and additional CR to TS 25.214	TSG-RAN WG1	5.1.3	
RP-99685	CRs to TS 25.214 v3.0.0 category "D" (Editorial)	TSG-RAN WG1	5.1.3	
RP-99686	CRs to TS 25.214 v3.0.0 category "C" (Modification) and "F" (Correction)	TSG-RAN WG1	5.1.3	
RP-99687	CRs to TS 25.214 v3.0.0 category "B" (New features)	TSG-RAN WG1	5.1.3	
RP-99688	CRs to TS 25.215 v3.0.0 category "C" (Modification) and "F" (Correction)	TSG-RAN WG1	5.1.3	
RP-99689	CRs to TS 25.215 v3.0.0 category "B" (New features)	TSG-RAN WG1	5.1.3	
RP-99690	CR 017 to TS 25.215, CPICH SIR measurement	TSG-RAN WG1	5.1.3	
RP-99691	CRs to TS 25.221 v3.0.0 category "D" (Editorial)	TSG-RAN WG1	5.1.3	
RP-99692	CRs to TS 25.221 v3.0.0 category "C" (Modification) and "F" (Correction)	TSG-RAN WG1	5.1.3	
RP-99693	CRs to TS 25.222 v3.0.0 category "D" (Editorial)	TSG-RAN WG1	5.1.3	
RP-99694	CRs to TS 25.222 v3.0.0 category "C" (Modification) and "F" (Correction)	TSG-RAN WG1	5.1.3	
RP-99695	CRs to TS 25.223 v3.0.0 category "D" (Editorial)	TSG-RAN WG1	5.1.3	
RP-99696	CRs to TS 25.223 v3.0.0 category "C" (Modification) and "F" (Correction)	TSG-RAN WG1	5.1.3	
RP-99697	CRs to TS 25.224 v3.0.0 category "D" (Editorial)	TSG-RAN WG1	5.1.3	

Doc.No.	Title	Source	Ag.It.	Comments
RP-99698	CRs to TS 25.224 v3.0.0 category "C" (Modification) and "F" (Correction)	TSG-RAN WG1	5.1.3	
RP-99699	CRs to TS 25.224 v3.0.0 category "B" (New features)	TSG-RAN WG1	5.1.3	
RP-99700	CRs to TS 25.225 v3.0.0 category "C" (Modification) and "F" (Correction)	TSG-RAN WG1	5.1.3	
RP-99701	CRs to TS 25.225 v3.0.0 category "B" (New features)	TSG-RAN WG1	5.1.3	
RP-99702	Cover sheet for TR R1.04	TSG-RAN WG1	5.1.3	
RP-99703	Cover sheet for TR 25.xxx	TSG-RAN WG1	5.1.3	
RP-99704	TR 25.xxx "Items not for inclusions in Release-99"	TSG-RAN WG1	5.1.3	
RP-99705	Timeplan WG1	TSG-RAN WG1 Chairman	7.2	
RP-99706	Timeplan WG2	TSG-RAN WG2 Chairman	7.2	
RP-99707	Timeplan WG3	TSG-RAN WG3 Chairman	7.2	
RP-99708	TR 30.504 V. 2.2.0 (Timeplan)	TSG-RAN WG4 Chairman	7.2	
RP-99709	R99 Cover sheet Compressed mode with puncturing (FDD only)	TSG-RAN WG1	7.1	
RP-99710	R99 Cover sheet CPCH (FDD only)	TSG-RAN WG1	7.1	
RP-99711	R99 Cover sheet DPCCH gating (FDD only)	TSG-RAN WG1	7.1	
RP-99712	R99 Cover sheet Small size turbo interleavers (FDD+TDD)	TSG-RAN WG1	7.1	
RP-99713	R99 Cover sheet Out-of-synchronisation state handling (FDD+TDD)	TSG-RAN WG1	7.1	
RP-99714	R99 Cover sheet Cell parameter cycling (TDD only)	TSG-RAN WG1	7.1	
RP-99715	Report	ITU Ad Hoc Contact Person	6	
RP-99716	CPCH	GBT	7.1	
RP-99717	CPCH Status	GBT	7.1	
RP-99718	Proprietary extensions in TSG-RAN-WG3 protocols	Alcatel, BT, CSELT, France Telecom, GSM Association, Mannesmann Mobilfunk, Mitsubishi Electric, Nortel Networks, Telenor, TIM, T-Mobil, Vodafone AirTouch	5.4.2	
RP-99719	CR 026r1 to TS 25.331, Gain factors, category "C" (Modification)	TSG-RAN WG2	5.2.3	
RP-99720	(R1-99L38, to TSG-RAN) LS on CPICH SIR measurements in UTRA FDD	TSG-RAN WG1	4.1	
RP-99721	(R1-99L45, copy TSG-RAN) LS on parity bit attachment to 0 bit transport block	TSG-RAN WG1	4.1	
RP-99722	(S4-99504R, to TSG-RAN) LS on Delay Figures	TSG-SA WG4	4.1	
RP-99723	Cover sheet for TS 25.113	TSG-RAN WG4	5.3.3	
RP-99724	TS 25.113 v2.0.1	TSG-RAN WG4	5.3.3	
RP-99725	Cover sheet for TS 25.123	TSG-RAN WG4	5.3.3	
RP-99726	TS 25.123 v2.3.0: RF parameters in support of RRM	TSG-RAN WG4	5.3.3	
RP-99727	Cover sheet for TS 25.141	TSG-RAN WG4	5.3.3	
RP-99728	TS 25.141 v2.1.3: Base station conformance testing (FDD)	TSG-RAN WG4	5.3.3	
RP-99729	Cover sheet for TS 25.142	TSG-RAN WG4	5.3.3	
RP-99730	TS 25.142 v2.2.0: Base station conformance testing (TDD)	TSG-RAN WG4	5.3.3	
RP-99731	Cover sheet for TR 25.942	TSG-RAN WG4	5.3.3	
RP-99732	TR 25.942 v2.1.1: RF scenarios	TSG-RAN WG4	5.3.3	
RP-99733	Technical project co-ordination and management	TSG-SA WG2 Chairman	9	
RP-99734	Model for the technical management and project co-ordination for 3GPP	TSG-SA WG2 Chairman	9	
RP-99735	CRs to TS 25.401 category "D" (Editorial)	TSG-RAN WG3	5.4.3	
RP-99736	CRs to TS 25.401 category "C" (Modification) and "F" (Correction)	TSG-RAN WG3	5.4.3	
RP-99737	CRs to TS 25.401 category "B" (New features)	TSG-RAN WG3	5.4.3	
RP-99738	Cover sheet for TS 25.402	TSG-RAN WG3	5.4.3	
RP-99739	TS 25.402 v2.0.0: Synchronisation in UTRAN Stage 2	TSG-RAN WG3	5.4.3	
RP-99740	CRs to TS 25.410 category "D" (Editorial)	TSG-RAN WG3	5.4.3	
RP-99741	CRs to TS 25.410 category "C" (Modification) and "F" (Correction)	TSG-RAN WG3	5.4.3	
RP-99742	CRs to TS 25.411 category "D" (Editorial)	TSG-RAN WG3	5.4.3	

Doc.No.	Title	Source	Ag.It.	Comments
RP-99743	CRs to TS 25.411 category "C" (Modification) and "F" (Correction)	TSG-RAN WG3	5.4.3	
RP-99744	CRs to TS 25.412 category "C" (Modification) and "F" (Correction)	TSG-RAN WG3	5.4.3	
RP-99745	Cover sheet for TS 25.413	TSG-RAN WG3	5.4.3	
RP-99746	TS 25.413 v2.1.0: UTRAN Iu interface RANAP signalling	TSG-RAN WG3	5.4.3	
RP-99747	CRs to TS 25.414 category "C" (Modification) and "F" (Correction)	TSG-RAN WG3	5.4.3	
RP-99748	CRs to TS 25.415 category "D" (Editorial)	TSG-RAN WG3	5.4.3	
RP-99749	CRs to TS 25.415 category "C" (Modification) and "F" (Correction)	TSG-RAN WG3	5.4.3	
RP-99750	CRs to TS 25.415 category "B" (New features)	TSG-RAN WG3	5.4.3	
RP-99751	Cover sheet for TS 25.420	TSG-RAN WG3	5.4.3	
RP-99752	TS 25.420 v2.0.0: UTRAN Iur interface: General Aspects and Principles	TSG-RAN WG3	5.4.3	RP-99796
RP-99753	CRs to TS 25.422 category "C" (Modification) and "F" (Correction)	TSG-RAN WG3	5.4.3	
RP-99754	Cover sheet for TS 25.423	TSG-RAN WG3	5.4.3	
RP-99755	TS 25.423 v2.0.0: UTRAN Iur interface RNSAP signalling	TSG-RAN WG3	5.4.3	
RP-99756	Cover sheet for TS 25.425	TSG-RAN WG3	5.4.3	
RP-99757	TS 25.425 v2.0.0: UTRAN Iur interface user plane protocols for CCH data streams	TSG-RAN WG3	5.4.3	
RP-99758	CRs to TS 25.427 category "D" (Editorial)	TSG-RAN WG3	5.4.3	
RP-99759	CRs to TS 25.427 category "C" (Modification) and "F" (Correction)	TSG-RAN WG3	5.4.3	
RP-99760	CRs to TS 25.427 category "B" (New features)	TSG-RAN WG3	5.4.3	
RP-99761	Cover sheet for TS 25.430	TSG-RAN WG3	5.4.3	
RP-99762	TS 25.430 v2.2.0: UTRAN Iub interface: General Aspects and Principles	TSG-RAN WG3	5.4.3	
RP-99763	Cover sheet for TS 25.433	TSG-RAN WG3	5.4.3	
RP-99764	TS 25.433 v2.0.0: NBAP specification	TSG-RAN WG3	5.4.3	
RP-99765	CRs to TS 25.435 category "D" (Editorial)	TSG-RAN WG3	5.4.3	
RP-99766	CRs to TS 25.435 category "C" (Modification) and "F" (Correction)	TSG-RAN WG3	5.4.3	
RP-99767	Cover sheet for TS 25.133	TSG-RAN WG4	5.3.3	
RP-99768	TS 25.133 v2.3.0: RF parameters in support of RRM	TSG-RAN WG4	5.3.3	
RP-99769	Cover sheet for TR 25.943	TSG-RAN WG4	5.3.3	
RP-99770	TR 25.943 v0.0.1: Deployment scenarios	TSG-RAN WG4	5.3.3	
RP-99771	CRs to TS 25.101 category "D" (Editorial)	TSG-RAN WG4	5.3.3	
RP-99772	CRs to TS 25.101 category "C" (Modification) and "F" (Correction)	TSG-RAN WG4	5.3.3	
RP-99773	CRs to TS 25.101 category "B" (New features)	TSG-RAN WG4	5.3.3	
RP-99774	CRs to TS 25.102 category "D" (Editorial)	TSG-RAN WG3	5.4.3	
RP-99775	CRs to TS 25.102 category "C" (Modification) and "F" (Correction)	TSG-RAN WG3	5.4.3	
RP-99776	CRs to TS 25.102 category "B" (New features)	TSG-RAN WG3	5.4.3	
RP-99777	CRs to TS 25.104 category "D" (Editorial)	TSG-RAN WG4	5.3.3	
RP-99778	CRs to TS 25.104 category "C" (Modification) and "F" (Correction)	TSG-RAN WG4	5.3.3	
RP-99779	CRs to TS 25.105 category "D" (Editorial)	TSG-RAN WG4	5.3.3	
RP-99780	CRs to TS 25.105 category "C" (Modification) and "F" (Correction)	TSG-RAN WG4	5.3.3	
RP-99781	CRs to TS 25.105 category "B" (New features)	TSG-RAN WG4	5.3.3	
RP-99782	CRs to TS 25.941 category "C" (Modification) and "F" (Correction)	TSG-RAN WG4	5.3.3	
RP-99783	R99 Cover sheet UTRAN architecture	TSG-RAN WG3	7.1	RP-99799
RP-99784	R99 Cover sheet Iu general aspects	TSG-RAN WG3	7.1	RP-99800
RP-99785	R99 Cover sheet Iu signalling "RANAP"	TSG-RAN WG3	7.1	RP-99801
RP-99786	R99 Cover sheet Iur/Iub general aspects	TSG-RAN WG3	7.1	RP-99802
RP-99787	R99 Cover sheet Iur signalling "RNSAP)	TSG-RAN WG3	7.1	RP-99803
RP-99788	R99 Cover sheet Iur/Iub user plane protocols	TSG-RAN WG3	7.1	RP-99804
RP-99789	R99 Cover sheet Iub signalling (NBAP)	TSG-RAN WG3	7.1	RP-99805
RP-99790	R99 Cover sheet Study items for future release	TSG-RAN WG3	7.1	RP-99806
RP-99791	LS on Definition of BER (R4-99959)	TSG RAN WG4	5,2	
RP-99792	LS on SIR (R4-99A20)	TSG RAN WG4	5,2	
RP-99793	R99 Cover Sheet: Parity Bit attachment to 0 bit transport block	TSG RAN WG1	7.1	
RP-99794	Robust header compression WG, IETF	IETF	4,2	

Doc.No.	Title	Source	Ag.It.	Comments
RP-99795	CPCH Status in RAN1, RAN2 and RAN3 Working Groups	Golden Bridge Technology	7.1	
RP-99796	TS 25.420 v2.0.0: UTRAN Iur interface: General Aspects and Principles	TSG-RAN WG3	5.4.3	
RP-99797	R99 Cover Sheet: CPICH SIR Measurement	TSG-RAN WG1 Chairman	7.1	
RP-99798	R99 Cover Sheet: Uplink Synchronous Transmission (FDD only)	TSG-RAN WG1, WG2 and WG3 Chairmen	7.1	
RP-99799	R99 Cover Sheet: Available capacity estimate in a drift cell	TSG-RAN WG3 Chairman	7.1	
RP-99800	R99 Cover Sheet: Cell broadcast protocols between SMS-CBC and RNC	TSG-RAN WG3 Chairman	7.1	
RP-99801	R99 Cover Sheet: Support of soft handover during active compressed mode pattern	TSG-RAN WG3 Chairman	7.1	
RP-99802	R99 Cover Sheet: CPCH support on Iub and Iur	TSG-RAN WG3 Chairman	7.1	
RP-99803	R99 Cover Sheet: Delay performance requirements	TSG-RAN WG3 Chairman	7.1	
RP-99804	R99 Cover Sheet: Delayed activation at Radio Link establishment	TSG-RAN WG3 Chairman	7.1	
RP-99805	R99 Cover Sheet: Reconfiguration of DL TPC step size	TSG-RAN WG3 Chairman	7.1	
RP-99806	R99 Cover Sheet: DPC Rate Reduction in soft handover and DPC mode handling	TSG-RAN WG3 Chairman	7.1	
RP-99807	R99 Cover Sheet: DRX parameter on Iur	TSG-RAN WG3 Chairman	7.1	
RP-99808	R99 Cover Sheet: DSCH (FDD+TDD) and USCH (TDD) on Iub	TSG-RAN WG3 Chairman	7.1	
RP-99809	R99 Cover Sheet: FACH power control on Iur	TSG-RAN WG3 Chairman	7.1	
RP-99810	R99 Cover Sheet: Support of gated DPCCH transmission on Iur and Iub	TSG-RAN WG3 Chairman	7.1	
RP-99811	R99 Cover Sheet: Version handling and compatibility issues for Iub/Iur userplane protocols	TSG-RAN WG3 Chairman	7.1	
RP-99812	R99 Cover Sheet: Precise definition of parameters for optimisation on Iur and Iub	TSG-RAN WG3 Chairman	7.1	
RP-99813	R99 Cover Sheet: Iu time alignment	TSG-RAN WG3 Chairman	7.1	
RP-99814	R99 Cover Sheet: Load information on Iur	TSG-RAN WG3 Chairman	7.1	
RP-99815	R99 Cover Sheet: Capacity modelling of Node B resources	TSG-RAN WG3 Chairman	7.1	
RP-99816	R99 Cover Sheet: Partial relocation procedure	TSG-RAN WG3 Chairman	7.1	
RP-99817	R99 Cover Sheet: Physical channel reconfiguration procedure on Iur	TSG-RAN WG3 Chairman	7.1	
RP-99818	R99 Cover Sheet: Support for specific positioning methods on Iur and Iub	TSG-RAN WG3 Chairman	7.1	
RP-99819	R99 Cover Sheet: Triggering of the Common Transport channel resources initiation procedure (selection of S CCPCH)	TSG-RAN WG3 Chairman	7.1	
RP-99820	R99 Cover Sheet: DSCH and USCH on Iur	TSG-RAN WG3 Chairman	7.1	
RP-99821	R99 Cover Sheet: Node B origination of SIBs on BCCH	TSG-RAN WG3 Chairman	7.1	
RP-99822	R99 Cover Sheet: SoLSA on Iu	TSG-RAN WG3 Chairman	7.1	
RP-99823	R99 Cover Sheet: TDD neighbor cell measurement	TSG-RAN WG3 Chairman	7.1	
RP-99824	R99 Cover Sheet: Tracing deactivation from CN	TSG-RAN WG3 Chairman	7.1	
RP-99825	Revised CR 019 Revision 2 for TS 25.104	TSG-RAN WG4	5.3.3	
RP-99826	25.101 CR 13	TSG-RAN WG4	5.3.3	
RP-99827	LS from ITU.RTG81- final approval of IMT. RSPC	ITU RTG8.1	2	
RP-99828	LS from ITU.RTG81 on unwanted emissions for IMT 2000	ITU RTG8.1	2	
RP-99829	UMTS 30.531 WG3 Work Plan and Study Items V0.5.0	TSG-RAN WG3 Chairman	5.4.3	
RP-99830	CR 25.104 CR 016r1 Change of propagation conditions	Nortel Networks	5.3.3	
RP-99831	25.104 CR 016r1	Nortel Networks	5.3.3	
RP-99832	TR 30.531, Version 0.5.0	TSG-RAN WG3	5.4.3	
RP-99833	25.401 CR 11	TSG-RAN WG3	5.4.3	
RP-99834	LS on usage of coding schemes for medium to high bit-rates	TSG-RAN WG1	2	
RP-99835	The Framework for TDD low chip rate option in Release 2000	CWTS WG1	7.2	
RP-99836	Proposal for Release 2000 Work Task on IP in UTRAN	Alcatel	7.2	
RP-99837	R99 Cover Sheet: Available capacity estimate in a drift cell	TSG-RAN WG3 Chairman	8.2	
RP-99838	R99 Cover Sheet: Cell broadcast protocols between SMS-CBC and RNC	TSG-RAN WG3 Chairman	8.1	
RP-99839	R99 Cover Sheet: Support of soft handover during active compressed mode pattern	TSG-RAN WG3 Chairman	8.1	
RP-99840	R99 Cover Sheet: Delay performance requirements	TSG-RAN WG3 Chairman	8.1	
RP-99841	R99 Cover Sheet: Delayed activation at Radio Link establishment	TSG-RAN WG3 Chairman	8.1	

Doc.No.	Title	Source	Ag.It.	Comments
RP-99842	R99 Cover Sheet: DRX parameter on Iur	TSG-RAN WG3 Chairman	8.1	
RP-99843	R99 Cover Sheet: DSCH (FDD+TDD) and USCH (TDD) on Iub	TSG-RAN WG3 Chairman	8.1	
RP-99844	R99 Cover Sheet: Version handling and compatibility issues for Iub/Iur userplane protocols	TSG-RAN WG3 Chairman	8.1	
RP-99845	R99 Cover Sheet: Parameters for optimisation on Iur and Iub	TSG-RAN WG3 Chairman	8.1	
RP-99846	R99 Cover Sheet: Iu time alignment	TSG-RAN WG3 Chairman	8.1	
RP-99847	R99 Cover Sheet: Load information on Iur for neighboring cells	TSG-RAN WG3 Chairman	8.2	
RP-99848	R99 Cover Sheet: Capacity modelling of Node B resources	TSG-RAN WG3 Chairman	8.1	
RP-99849	R99 Cover Sheet: Partial relocation procedure	TSG-RAN WG3 Chairman	8.1	
RP-99850	R99 Cover Sheet: Physical channel reconfiguration procedure on Iur	TSG-RAN WG3 Chairman	8.1	
RP-99851	R99 Cover Sheet: Support in UTRAN for specific LCS methods	TSG-RAN WG3 Chairman	8.1	
RP-99852	R99 Cover Sheet: Triggering of the Common Transport channel resources initiation procedure (selection of S CCPCH)	TSG-RAN WG3 Chairman	8.1	
RP-99853	R99 Cover Sheet: DSCH and USCH on Iur	TSG-RAN WG3 Chairman	8.1	
RP-99854	R99 Cover Sheet: Node B origination of SIBs on BCCH	TSG-RAN WG3 Chairman	8.1	
RP-99855	R99 Cover Sheet: Tracing deactivation from CN	TSG-RAN WG3 Chairman	8.1	
RP-99856	3G 2000 Conference	Lucent Technologies	11	
RP-99857	TSG RAN Release –99 outstanding items handling	TSG-RAN WGs Chairmen	8	
RP-99858	R99 Cover Sheet: CPICH SIR Measurement	TSG-RAN WGs Chairmen	8.1	
RP-99859	R99 Cover Sheet: CPCH (FDD only)	TSG-RAN WGs Chairmen	8.1	
RP-99860	R99 Cover Sheet: Small size turbo interleavers	TSG-RAN WGs Chairmen	8.1	
RP-99861	R99 Cover Sheet: Cell selection/reselection	TSG-RAN WGs Chairmen	8.1	
RP-99862	R99 Cover Sheet: DPCCH Gating	TSG-RAN WGs Chairmen	8.2	
RP-99863	R99 Cover Sheet: Downlink Outer loop power control	TSG-RAN WGs Chairmen	8.1	
RP-99864	R99 Cover Sheet: SoLSA	TSG-RAN WGs Chairmen	8.1	
RP-99865	R99 Cover Sheet: initial UE capability	TSG-RAN WGs Chairmen	8.1	
RP-99866	Proposal to include gated DPCCH transmission in Release '99	Samsung Electronics Co., Ltd.	8.1	
RP-99867	Proposed methods on how to proceed on RRM aspects	CSELT	9	
RP-99868	Draft LS to SA1 cc CN1, SMG2 on urgent need for requirements on Idle Mode	TSG-RAN WG2 Chairman	8.3	
RP-99869	Inclusion of gated DPCCH transmission in 3GPP standard	ETRI, LGIC, SK Telecom, KT, Dacom, Samsung Electronics Co. Ltd (TTA member Companies)	7.2	
RP-99870	Agreed CR 003 to 25.105 on BS maximum input level (TDD)	TSG-RAN WG4	5.3.3	
RP-99871	Agreed CR 001r3 to 25.322	TSG-RAN WG1	5.1.3	

Annex C: Status table of CRs

Status of all Change Requests after TSG-RAN meeting #06 (13-15 December 1999)

This following list contains the status of all 3G Change Requests (CRs) that have been presented to TSG RAN during TSG RAN #06.

CR	Rev	Cat	RAN Doc	WG Doc	Status	WG	Subject
25.101 : *UE Radio transmission and reception (FDD)*							**Old:** 3.0.0 **New:** 3.1.0
001	2	F	RP-99772	R4-99847	**approved**	R4	Correction of UE Measurement Channels Rev.2
002		C	RP-99772	R4-99777	**withdrawn**	R4	Power setting of PDCH while varying the data rate
003		F	RP-99772	R4-99752	**approved**	R4	Modifications for Receiver Characteristics
004		F	RP-99772	R4-99756	**approved**	R4	Corrections to Tx Diversity testing assumptions
005		D	RP-99771	R4-99855	**approved**	R4	UE DL performance requirements
006	1	F	RP-99772	R4-99857	**approved**	R4	Corrections to Annex C Down link Physical
007		F	RP-99772	R4-99860	**approved**	R4	Proposal for ACLR/ACS specifications for class 3
008		B	RP-99773	R4-99896	**approved**	R4	Addition of propagation condition to inner and
009		C	RP-99772	R4-99929	**approved**	R4	Clarification of Uplink inner loop power control
010		B	RP-99773	R4-99931	**approved**	R4	Modifications to demodulation test parameters and
011		C	RP-99772	R4-99932	**approved**	R4	Power setting of DPCH
012		D	RP-99771	R4-99935	**approved**	R4	Editorial changes to 25.101v3.0.0
013		F	RP-99826	R4-99936	**approved**	R4	Update of UE RF capabilities
014		C	RP-99772	R4-99937	**approved**	R4	Update of ITU Region 2 Specific Specifications and
015		F	RP-99772	R4-99966	**approved**	R4	Performance requirements for demodulation of DCH
016		F	RP-99772	R4-99977	**rejected**	R4	Change of propagation conditions
016	1	F	RP-99830	-	**approved**	R4	Change of propagation conditions
017		F	RP-99772	R4-99992	**approved**	R4	CR for minimum requirements for UE power class 1
018		C	RP-99772	R4-99998	**approved**	R4	Downlink Inner loop power control
019		B	RP-99773	R4-99A02	**approved**	R4	Performance requirements in downlink compressed
25.102 : *UE Radio transmission and reception (TDD)*							**Old:** 3.0.0 **New:** 3.1.0
001		F	RP-99775	R4-99694	**approved**	R4	Corrections to 25.102 version 3.0.0
002		F	RP-99775	R4-99775	**approved**	R4	TDD Uplink Power control requirements
003		C	RP-99775	R4-99773	**approved**	R4	Receiver spurious emissions for UE TDD
004		D	RP-99774	R4-99753	**approved**	R4	Open item list in Annex D of 25.102v3.0.0
005		C	RP-99775	R4-99866	**approved**	R4	Change of propagation conditions
006		B	RP-99776	R4-99889	**approved**	R4	Performance Requirements
007		F	RP-99775	R4-99897	**approved**	R4	Corrections to 25.102 v.3.0.0
008		D	RP-99774	R4-99948	**approved**	R4	Editorial changes to 25.102v3.0.0
009		B	RP-99776	R4-99956	**approved**	R4	Peak Code Domain Error
010		C	RP-99775	R4-99957	**approved**	R4	TDD uplink power control requirements
011		C	RP-99775	R4-99960	**approved**	R4	Update of ITU Region 2 Specific Specifications and
012		B	RP-99776	R4-99969	**approved**	R4	Transmit Template, should to shall
013		F	RP-99775	R4-99A04	**approved**	R4	UE power classes
014		F	RP-99775	R4-99A12	**approved**	R4	Update of UE RF capabilities
25.104 : *BTS Radio transmission and reception (FDD)*							**Old:** 3.0.0 **New:** 3.1.0
001		F	RP-99778	R4-99651	**approved**	R4	Correction to Annex B.4 Birth-Death propagation
002		D	RP-99777	R4-99776	**approved**	R4	Base Station Modulation Code Domain Power
003		F	RP-99778	R4-99784	**approved**	R4	Measurement channels for uplink
004		D	RP-99777	R4-99813	**approved**	R4	Removal of Open Item List
005		F	RP-99778	R4-99815	**approved**	R4	Clarification of ACLR requirement
006		F	RP-99778	R4-99819	**approved**	R4	New Spurious Emission requirement for Category B
007		F	RP-99778	R4-99827	**approved**	R4	Base Station Primary CPICH power accuracy
008		F	RP-99778	R4-99858	**approved**	R4	Correction of Receiver sensitivity
010		F	RP-99778	R4-99947	**approved**	R4	Correction of BS output power definition
011		F	RP-99778	R4-99949	**approved**	R4	Clarification of power control requirements in TS
012		F	RP-99778	R4-99950	**approved**	R4	Corrections for BS FDD Blocking Characteristics
013		F	RP-99778	R4-99967	**approved**	R4	Output power accuracies in extreme conditions
014		F	RP-99778	R4-99970	**approved**	R4	Clarification of Antenna Diversity receiver
015		F	RP-99778	R4-99972	**approved**	R4	Spurious Emission in 25.104
016		F	RP-99778	R4-99977	**rejected**	R4	Change of propagation conditions
016	1		RP-99831	-	**approved**	R4	Change of propagation conditions
017		F	RP-99778	R4-99979	**approved**	R4	Clarification of the EVM requirement
018		F	RP-99778	R4-99996	**approved**	R4	Introduction of requirement values in section 8
019		C	RP-99778	R4-99997	**withdrawn**	R4	Update of ITU Region 2 Specific Specifications and
019	2	C	RP-99825	-	**approved**	R4	Update of ITU Region 2 Specific Specifications and
020		F	RP-99778	R4-99A09	**approved**	R4	Corrections for BS FDD RX spurious emission
021		B	RP-99778	R4-99000	**approved**	R4	BS Spurious Emission Requirements for

CR	Rev	Cat	RAN Doc	WG Doc	Status	WG	Subject
25.105	**:**	***BTS Radio transmission and reception (TDD)***					**Old:** 3.0.0 **New:** 3.1.0
001		F	RP-99780	R4-99695	**approved**	R4	Corrections to 25.105 version 3.0.0
002		C	RP-99780	R4-99618	**revised**	R4	Primary CCPCH Power for TDD-mode
002	3	C	RP-99780	R4-99864	**approved**	R4	TDD Base station power accuracy of PCCPCH
003		C	RP-99870	R4-99625	**approved**	R4	BS Maximum input level (TDD)
004		C	RP-99780	R4-99763	**approved**	R4	Receiver spurious emissions for BS TDD
005		C	RP-99780	R4-99764	**approved**	R4	Power control in UTRA TDD
006		D	RP-99779	R4-99754	**approved**	R4	Open item list in Annex D of 25.105 v3.0.0
007		C	RP-99780	R4-99866	**approved**	R4	Change of propagation conditions
008		F	RP-99780	R4-99884	**approved**	R4	Timing Advance Requirements
009		B	RP-99781	R4-99887	**approved**	R4	Transmit Template
010		B	RP-99781	R4-99891	**approved**	R4	Performance Requirements
011		F	RP-99780	R4-99892	**approved**	R4	Corrections for BS TDD Blocking Characteristics
012		F	RP-99780	R4-99898	**approved**	R4	Corrections to 25.105 v.3.0.0 (change ME to BTS)
013		C	RP-99780	R4-99944	**approved**	R4	Synchronization Requirement
014		C	RP-99780	R4-99961	**approved**	R4	Update of ITU Region 2 Specific Specifications and
015		F	RP-99780	R4-99971	**approved**	R4	Clarification of Antenna Diversity receiver
016		F	RP-99780	R4-99973	**approved**	R4	Spurious Emission in 25.105
017		C	RP-99780	R4-99980	**approved**	R4	ACLR
018		B	RP-99781	R4-99A01	**approved**	R4	BS TDD Spurious Emission Requirements for
25.211	**:**	***Physical channels and mapping of transport channels onto physical***					**Old:** 3.0.0 **New:** 3.1.0
001	1	F	RP-99677	R1-99h47	**approved**	R1	Removal of superframe notation
002		C	RP-99677	R1-99g90	**approved**	R1	Use of CPICH in case of open loop Tx diversity
003	2	C	RP-99677	R1-99i09	**approved**	R1	CPCH power control preamble length
005		F	RP-99677	R1-99h48	**revised**	R1	Editorial corrections
005	1	F	RP-99684	R1-99l07	**approved**	R1	Editorial corrections
006		D	RP-99676	R1-99i47	**approved**	R1	Change to the description of TSTD for SCH
007	1	B	RP-99678	R1-99k79	**approved**	R1	Introduction of compressed mode by higher layer
008	1	D	RP-99676	R1-99j26	**approved**	R1	Modifications to STTD text (*1)
009		B	RP-99678	R1-99l21	**revised**	R1	20 ms RACH message length
009	1	B	RP-99684	R1-99l21	**approved**	R1	20 ms RACH message length
010		D	RP-99676	R1-99i49	**approved**	R1	Update to AICH description
011	1	B	RP-99678	R1-99j61	**approved**	R1	Sliding paging indicators
016		C	RP-99677	R1-99l29	**approved**	R1	TAB structure and timing relation for USTS
017		C	RP-99677	R1-99k52	**approved**	R1	Timing for initialisation procedures
022		C	RP-99677	R1-99j05	**approved**	R1	Modification of the STTD encoding scheme on DL
25.212	**:**	***Multiplexing and channel coding (FDD)***					**Old:** 3.0.0 **New:** 3.1.0
001	3	F	RP-99680	R1-99j97	**approved**	R1	Correction of rate matching parameters for
004		C	RP-99680	R1-99j11	**approved**	R1	Changing the initial offset value for convolutional
005	1	B	RP-99681	R1-99k80	**approved**	R1	Introduction of compressed mode by higher layer
008		D	RP-99679	R1-99h79	**approved**	R1	Editorial corrections to TS 25.212
009		F	RP-99680	R1-99i53	**approved**	R1	Removal of SFN multiplexing
010	1	F	RP-99680	R1-99j25	**approved**	R1	Clarification of bit separation and collection
011	2	F	RP-99680	R1-99l26	**approved**	R1	Connection between TTI and CFN
012	2	F	RP-99680	R1-99l27	**approved**	R1	Zero length transport blocks
014		D	RP-99679	R1-99i58	**approved**	R1	Update of channel coding sections
016		F	RP-99680	R1-99i36	**approved**	R1	Removal of TrCH restriction in DSCH CCTrCH
017		B	RP-99681	R1-99i38	**approved**	R1	20 ms RACH message length
018		C	RP-99680	R1-99i59	**approved**	R1	Minimum SF in UL
024		F	RP-99680	R1-99k09	**approved**	R1	Rate matching parameter determination in DL and
026	1	F	RP-99680	R1-99k43	**approved**	R1	Corrections to TS 25.212
027		D	RP-99679	R1-99k82	**approved**	R1	Modification of BTFD description in 25.212 Annex
028		B	RP-99681	R1-99k67	**approved**	R1	TFCI coding and mapping including compressed
25.213	**:**	***Spreading and modulation (FDD)***					**Old:** 3.0.0 **New:** 3.1.0
005	1	D	RP-99682	R1-99k05	**approved**	R1	Harmonization of notations for downlink
006		F	RP-99683	R1-99i60	**approved**	R1	Update of downlink spreading description
007	1	D	RP-99682	R1-99k12	**approved**	R1	Update of TS 25.213 uplink parts
008		F	RP-99683	R1-99i62	**approved**	R1	Updated modulation description
009		C	RP-99683	R1-99i00	**approved**	R1	Restriction for spreading factor 512 allocation in
011	1	C	RP-99683	R1-99k83	**approved**	R1	CPCH codes in power control preamble
012	2	C	RP-99683	R1-99l67	**approved**	R1	Support of short codes for CPCH
014	1	D	RP-99682	R1-99l14	**approved**	R1	Editorial Change
016		C	RP-99683	R1-99l30	**approved**	R1	Channelization Code Allocation for USTS
017	1	F	RP-99683	R1-99l15	**approved**	R1	Correction (Editorial Change)
019		F	RP-99683	R1-99l12	**approved**	R1	Correction to code allocation for compressed mode

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25.214	**:**	***FDD; physical layer procedures***					**Old:** 3.0.0 **New:** 3.1.0
003	2	C	RP-99686	R1-99h89	**approved**	R1	Flexible timing of UTRAN response to uplink
006	2	C	RP-99686	R1-99i09	**approved**	R1	CPCH power control preamble length
007		C	RP-99686	R1-99i63	**approved**	R1	Removal of open loop power control
008		B	RP-99687	R1-99i64	**approved**	R1	Power offset of AICH and PICH
009	1	C	RP-99686	R1-99j37	**approved**	R1	Update of Random Access Procedure
010	1	C	RP-99686	R1-99l22	**approved**	R1	Soft symbol combining for uplink power control
011		D	RP-99685	R1-99i02	**approved**	R1	Clarification of closed loop transmit diversity figure
012		F	RP-99686	R1-99i66	**approved**	R1	Uplink power control maximum TX power
013	1	F	RP-99686	R1-99j91	**approved**	R1	Setting of beta values for multi-code
014		C	RP-99686	R1-99i11	**approved**	R1	Consolidation of CPCH Power Control Preamble
015	1	C	RP-99686	R1-99k51	**approved**	R1	Consolidation of Power Control Information for
016		F	RP-99686	R1-99i14	**approved**	R1	Uplink power control in compressed mode
018	1	C	RP-99686	R1-99k52	**approved**	R1	Timing for initialisation procedures
021		B	RP-99687	R1-99i40	**approved**	R1	20 ms RACH message length
023	1	B	RP-99684	R1-99k69	**approved**	R1	Maximum Tx power at uplink, compressed mode
024	2	B	RP-99687	R1-99k78	**approved**	R1	Setting of power in uplink compressed mode
025		B	RP-99687	R1-99j24	**approved**	R1	Cleanup of synchronisation procedures
026	2	F	RP-99686	R1-99l04	**approved**	R1	Downlink power control
029		B	RP-99687	R1-99j59	**approved**	R1	Out-of-synch handling
030	2	B	RP-99687	R1-99l70	**approved**	R1	State update rule addition to SSDT specification
033		B	RP-99687	R1-99j76	**approved**	R1	Uplink TX timing adjustment
036		B	RP-99687	R1-99k16	**approved**	R1	Inclusion of idle periods for the IPDL LCS
041		C	RP-99686	R1-99j13	**approved**	R1	Revision of power control timing text
042	1	B	RP-99687	R1-99l59	**approved**	R1	Inclusion of adjustment loop in downlink power
25.215	**:**						**Old:** 3.0.0 **New:** 3.1.0
001	3	C	RP-99688	R1-99l42	**approved**	R1	Clarifications for compressed mode parameters
002		B	RP-99689	R1-99i68	**approved**	R1	Definition of PCCPCH RSCP
003		B	RP-99689	R1-99i69	**approved**	R1	Definition of observed time difference to GSM cell
004		F	RP-99688	R1-99i70	**approved**	R1	Measurements are done on Primary CPICH
005	1	B	RP-99689	R1-99k81	**approved**	R1	Physical channel BER on DPCCH
006		F	RP-99688	R1-99i72	**approved**	R1	Definition of SIR measurement
007	2	B	RP-99689	R1-99l01	**approved**	R1	Ranges and resolution of timing measurements
009	2	F	RP-99688	R1-99l10	**approved**	R1	Range and resolution for RF related measurements
010	2	B	RP-99689	R1-99l09	**approved**	R1	New sections: 5.1.15 - UE GPS Timing of Cell
011		F	RP-99688	R1-99i76	**approved**	R1	Removal of Annex A from TS 25.215
013		F	RP-99688	R1-99j22	**approved**	R1	Definition of Transmitted code power
014	2	F	RP-99688	R1-99l02	**approved**	R1	Range and resolution of BLER measurements
015	2	F	RP-99688	R1-99l02	**approved**	R1	Range and resolution of BER measurements
017	1	F	RP-99690	R1-99l50	**postponed**	R1	CPICH SIR measurement
020		F	RP-99688	R1-99k28	**approved**	R1	Correction of SFN-SFN observed time difference
021	1	F	RP-99688	R1-99l03	**approved**	R1	CFN-SFN measurement with compressed mode
25.221	**:**	***Physical channels and mapping of transport channels onto physical***					**Old:** 3.0.0 **New:** 3.1.0
001	2	F	RP-99692	R1-99k56	**approved**	R1	Primary and Secondary CCPCH in TDD
002	2	F	RP-99692	R1-99i81	**approved**	R1	Removal of Superframe for TDD
006		F	RP-99692	R1-99i98	**approved**	R1	Corrections to TS25.221
007	1	C	RP-99692	R1-99k61	**approved**	R1	Clarifications for Spreading in UTRA TDD
008		F	RP-99692	R1-99k58	**approved**	R1	Transmission of TFCI bits for TDD
009		C	RP-99692	R1-99k60	**approved**	R1	Midamble Allocation in UTRA TDD
010		D	RP-99691	R1-99l68	**approved**	R1	Introduction of the timeslot formats to the TDD
25.222	**:**	***Multiplexing and channel coding (TDD)***					**Old:** 3.0.0 **New:** 3.1.0
001	3	F	RP-99871	R1-99j98	**approved**	R1	Correction of rate matching parameters for
002	1	F	RP-99694	R1-99k07	**approved**	R1	Clarification of bit separation and collection
003		C	RP-99694	R1-99j12	**approved**	R1	Changing the initial offset value for convolutional
004	1	D	RP-99693	R1-99k04	**approved**	R1	Editorial corrections to TS 25.222
007		F	RP-99694	R1-99i94	**approved**	R1	Update of rate matching rule for TDD
009	1	C	RP-99694	R1-99l37	**approved**	R1	Modified physical channel mapping scheme
013		C	RP-99694	R1-99k57	**approved**	R1	Introduction of TFCI for S-CCPCH in TDD mode
015		F	RP-99694	R1-99k68	**approved**	R1	TFCI coding and mapping in TDD
25.223	**:**	***Spreading and modulation (TDD)***					**Old:** 3.0.0 **New:** 3.1.0
001	1	F	RP-99696	R1-99i85	**approved**	R1	Primary and Secondary CCPCH in TDD
003	1	D	RP-99695	R1-99k62	**approved**	R1	Alignment of Terminology Regarding Spreading for
004		C	RP-99696	R1-99j34	**approved**	R1	Code allocation for Case 3
25.224	**:**	***TDD; physical layer procedures***					**Old:** 3.0.0 **New:** 3.1.0
001	1	F	RP-99698	R1-99i86	**approved**	R1	Primary and Secondary CCPCH in TDD
002		C	RP-99698	R1-99h08	**approved**	R1	Measurement procedure of received reference
004	1	B	RP-99699	R1-99k84	**approved**	R1	STTD capability for P-CCPCH, TDD component
005	1	D	RP-99697	R1-99k63	**approved**	R1	Alignment of Terminology Regarding Spreading for

CR	Rev	Cat	RAN Doc	WG Doc	Status	WG	Subject
25.225	**:**						**Old:** 3.0.0 **New:** 3.1.0
001	1	F	RP-99700	R1-99i87	**approved**	R1	Primary and Secondary CCPCH in TDD
002	1	B	RP-99701	R1-99k85	**approved**	R1	Block STTD capability for P-CCPCH, TDD
003	1	F	RP-99700	R1-99l43	**approved**	R1	Update concerning measurement definitions,
25.301	**:**	***Radio Interface Protocol Architecture***					**Old:** 3.2.0 **New:** 3.3.0
026	1	C	RP-99621	R2-99g19	**approved**	R2	Support of shared channel operation in TDD
027		D	RP-99620	R2-99h76	**approved**	R2	Alignment to MAC-c/sh merge
028		C	RP-99621	R2-99h95	**approved**	R2	Radio Interface Functions for Cell Broadcast
030	1	D	RP-99620	R2-99k54	**approved**	R2	Editorial issues
031	1	C	RP-99621	R2-99k65	**approved**	R2	Definition of ciphering unit
25.302	**:**	***Services provided by the physical layer***					**Old:** 3.1.0 **New:** 3.2.0
015		F	RP-99624	R2-99g20	**approved**	R2	Alignment of measurement names with RAN
018		D	RP-99623	R2-99g27	**approved**	R2	Compressed Mode description
021		B	RP-99625	R2-99g11	**withdrawn**	R2	Gated transmission of DPCCH
022		F	RP-99624	R2-99h77	**approved**	R2	Alignment with TDD layer 1
023	1	C	RP-99624	R2-99j30	**approved**	R2	Physical Channel Parameters
025		F	RP-99624	R2-99h91	**approved**	R2	Addition of PICH and Corrections for Primary
026		F	RP-99624	R2-99i50	**approved**	R2	Removal of compressed mode inband signalling
028	1	C	RP-99624	R2-99k06	**approved**	R2	Measurement of Transmitted carrier power
030	1	D	RP-99623	R2-99k61	**approved**	R2	Editorial issues
031		C	RP-99624	R2-99k86	**approved**	R2	Measurement of Physical Channel BER
25.303	**:**	***UE functions and inter-layer procedures in connected mode***					**Old:** 3.1.0 **New:** 3.2.0
017	1	C	RP-99629	R2-99j31	**approved**	R2	Support of shared channels and alignment to
018	2	D	RP-99628	R2-99k68	**approved**	R2	Corrections to RRC State Names
021		D	RP-99628	R2-99k12	**approved**	R2	Editorial issues
25.304	**:**	***UE procedures in Idle Mode***					**Old:** 3.0.0 **New:** 3.1.0
001	2	F	RP-99632	R2-99k77	**approved**	R2	Modification and editorial changes
002	3	B	RP-99633	R2-99k78	**approved**	R2	Specification of Cell reselection procedures in
003	2	B	RP-99633	R2-99k31	**approved**	R2	Integration of Cell Broadcast Service (CBS)
004	2	B	RP-99633	R2-99k51	**approved**	R2	Measurement used as a quality estimate for cell
006		C	RP-99632	R2-99j00	**approved**	R2	Discontinuous reception
008	3	B	RP-99633	R2-99k63	**approved**	R2	Barred Cells and Access Control
009		B	RP-99633	R2-99k08	**approved**	R2	Introduction of network control of UE measurement
011		D	RP-99631	R2-99k13	**approved**	R2	Editorial issues
25.321	**:**	***Medium Access Control (MAC) Protocol Specification***					**Old:** 3.1.0 **New:** 3.2.0
022	3	C	RP-99638	R2-99k53	**approved**	R2	Modified MAC header field sizes
023		C	RP-99638	R2-99f01	**approved**	R2	MAC: Multiple shared channels (DSCH/USCH)
024		C	RP-99638	R2-99f02	**approved**	R2	Parameters for Status Primitive
025	1	C	RP-99638	R2-99k20	**approved**	R2	Support of shared channel operation in TDD
028		C	RP-99638	R2-99h97	**approved**	R2	Modification of Cell Broadcast Service (CBS)
030	1	D	RP-99637	R2-99k22	**approved**	R2	Editorial changes
031	1	C	RP-99638	R2-99k87	**approved**	R2	Simultaneous mapping of logical channels on
25.322	**:**	***Radio Link Control (RLC) Protocol Specification***					**Old:** 3.0.0 **New:** 3.1.0
001		D	RP-99641	R2-99f04	**approved**	R2	RLC: Editorial corrections
002	1	D	RP-99641	R2-99i00	**approved**	R2	Editorial changes on RLC protocol specification
003	1	B	RP-99643	R2-99g52	**approved**	R2	MRW procedure
004		B	RP-99643	R2-99h56	**approved**	R2	SDU Discard Functionality
005	2	B	RP-99643	R2-99k70	**approved**	R2	Change in RLC control PDU format
006	1	F	RP-99642	R2-99k19	**approved**	R2	Editorial corrections regarding CTCH
007		D	RP-99641	R2-99i01	**approved**	R2	Updated RLC SDL
011		F	RP-99642	R2-99i93	**approved**	R2	RLC Editorial Changes
013		F	RP-99642	R2-99j01	**approved**	R2	Editorial Modification on RLC specification
014		D	RP-99641	R2-99k23	**approved**	R2	Editorial changes
015		F	RP-99642	R2-99k25	**approved**	R2	Change to one PU in a AMD PDU
016	1	B	RP-99643	R2-99k72	**approved**	R2	Introduction of RLC suspend state
017	1	D	RP-99641	R2-99k71	**approved**	R2	RLC editorial corrections
25.331	**:**	***Radio Resource Control (RRC) Protocol Specification***					**Old:** 3.0.0 **New:** 3.1.0
001		D	RP-99650	R2-99f81	**approved**	R2	Modification of RRC procedure specifications
005	1	C	RP-99654	R2-99h08	**approved**	R2	Introduction of Information Element for Power
007	1	F	RP-99654	R2-99h58	**approved**	R2	RRC parameters for SSDT
009	1	B	RP-99656	R2-99h09	**approved**	R2	Inclusion of information elements for integrity
010	2	B	RP-99656	R2-99j70	**approved**	R2	Security mode control procedure
011	3	B	RP-99656	R2-99k45	**approved**	R2	Updates of the system information procedure
012	2	B	RP-99656	R2-99k33	**approved**	R2	Inter-frequency measurements and reporting
013	1	B	RP-99656	R2-99k35	**approved**	R2	Inter-system measurements and reporting
014	1	B	RP-99656	R2-99h14	**approved**	R2	Additional measurements in RRC measurement
015	3	B	RP-99656	R2-99j78	**approved**	R2	Value range for Measurement Information Elements
016	2	B	RP-99656	R2-99k37	**approved**	R2	Message contents for inter system handover to

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017		B	RP-99652	R2-99e65	**approved**	R2	Inclusion of ciphering information elements
018		F	RP-99651	R2-99e67	**approved**	R2	Corrections and editorial changes
019	1	C	RP-99654	R2-99h17	**approved**	R2	Algorithm for CTCF Calculation
025		C	RP-99651	R2-99f20	**approved**	R2	Logical CH for RRC Connection Re-establishment
026	1	C	RP-99719	R2-99L02	**approved**	R2	Gain Factors
027	1	C	RP-99654	R2-99h21	**approved**	R2	Parameters for CELL UPDATE CONFIRM message
028		C	RP-99651	R2-99f23	**approved**	R2	Cell Update Cause
029	1	C	RP-99654	R2-99h22	**approved**	R2	RRC Initialisation Information
034	1	B	RP-99656	R2-99k99	**approved**	R2	Open loop power control for PRACH
036	2	C	RP-99654	R2-99j87	**withdrawn**	R2	Compressed mode parameters with gating
038		B	RP-99652	R2-99e44	**approved**	R2	Addition of the UE controlled AMR mode
039		C	RP-99651	R2-99f73	**approved**	R2	Information elements for RLC reset
040		B	RP-99656	R2-99h37	**approved**	R2	Support for DS-41 Initial UE Identity
042	2	B	RP-99656	R2-99k41	**approved**	R2	Integration of Cell Broadcast Service (CBS)
044	1	F	RP-99654	R2-99h24	**approved**	R2	Gated transmission of DPCCH
045		B	RP-99656	R2-99h25	**approved**	R2	Modification to the Transport Format Combination
046		B	RP-99656	R2-99h26	**approved**	R2	New Information elements and modifications to
047	1	F	RP-99654	R2-99h27	**approved**	R2	Editorial Corrections and Alignments with Layer 1
048	1	F	RP-99654	R2-99h28	**approved**	R2	Information elements for TDD shared channel
049		B	RP-99656	R2-99h29	**approved**	R2	Description of CN dependent IEs in Master
050		D	RP-99650	R2-99g35	**approved**	R2	UE capability information elements
051	1	B	RP-99656	R2-99j20	**approved**	R2	UTRAN response time to uplink feedback
052		C	RP-99654	R2-99h31	**approved**	R2	New and corrected CPCH parameters
053	2	C	RP-99654	R2-99j86	**approved**	R2	Compressed mode parameters without gating
054		C	RP-99654	R2-99h55	**approved**	R2	Transport format combination set and transport
055	1	B	RP-99656	R2-99j83	**approved**	R2	Information elements for cell selection and
056		F	RP-99654	R2-99h80	**approved**	R2	Corrections and Alignments of the RRC to the L1
057	1	B	RP-99656	R2-99j84	**approved**	R2	Introduction of a SCCH procedure
061		B	RP-99656	R2-99i02	**approved**	R2	Support for DS-41 Paging UE Identity
062	2	B	RP-99656	R2-99k49	**approved**	R2	Support for cdma2000 Hard Handover
063	1	B	RP-99656	R2-99k42	**approved**	R2	Provide necessary signalling to support FDD DSCH
064		C	RP-99654	R2-99i08	**approved**	R2	RRC procedure interactions
066	1	C	RP-99654	R2-99j97	**approved**	R2	Transfer of UE capabilities
067		B	RP-99657	R2-99i11	**approved**	R2	Selection of initial UE identity
069		B	RP-99657	R2-99i13	**approved**	R2	UE capability verification in the security mode
070	1	B	RP-99657	R2-99j90	**approved**	R2	DPCH initial power
071		B	RP-99657	R2-99i15	**approved**	R2	Actions when entering idle mode
072		B	RP-99657	R2-99i17	**approved**	R2	Specification of inter-frequency and inter-system
073	1	B	RP-99657	R2-99j92	**approved**	R2	Signalling radio bearers
074		C	RP-99654	R2-99i20	**approved**	R2	CN information elements
076		F	RP-99654	R2-99i22	**approved**	R2	UE information elements
077	1	B	RP-99657	R2-99k43	**approved**	R2	Radio bearer, transport channel and physical
078		C	RP-99654	R2-99i24	**approved**	R2	Other information elements
079	2	B	RP-99657	R2-99k28	**approved**	R2	RRC signalling for PDCP
080		F	RP-99654	R2-99i47	**approved**	R2	Content of Measurement Control Messages
081		F	RP-99654	R2-99i48	**approved**	R2	RRC Information Elements to support Block STTD
082	1	B	RP-99657	R2-99k47	**approved**	R2	Signalling connection release
083	1	B	RP-99657	R2-99k38	**approved**	R2	Addition of cell access restriction information
085	1	C	RP-99655	R2-99j91	**approved**	R2	RRC Connection Establishment parameters
092	1	B	RP-99657	R2-99k34	**approved**	R2	Support of UE autonomous update of a active set
095	1	B	RP-99657	R2-99k39	**approved**	R2	TPC combining for power control
096	1	D	RP-99653	R2-99k48	**approved**	R2	Editorial Modification of IEs in RRC messages
097		C	RP-99655	R2-99j03	**approved**	R2	Selection of SCCPCH
098	1	C	RP-99655	R2-99j89	**approved**	R2	RRC Initialisation Information
100	1	B	RP-99657	R2-99j85	**approved**	R2	Support of physical channel establishment and
102	1	C	RP-99655	R2-99k32	**approved**	R2	RRC Connection Re-establishment
106	1	B	RP-99657	R2-99j96	**approved**	R2	System information on FACH
108	1	B	RP-99657	R2-99j94	**approved**	R2	SAPs and Primitives for DS-41 mode
109	1	C	RP-99655	R2-99k40	**approved**	R2	TX Diversity Mode for Dedicated Channel
110	1	B	RP-99657	R2-99k50	**approved**	R2	RACH message length signaling on System
113	1	B	RP-99657	R2-99j80	**approved**	R2	Routing of NAS messages in UTRAN
116	3	C	RP-99655	R2-99L01	**approved**	R2	TBS Identification in TFS
117	1	B	RP-99657	R2-99j95	**approved**	R2	Merging the hard handover and some radio bearer
120	1	D	RP-99653	R2-99k46	**approved**	R2	Selected RRC message transfer syntax
121		B	RP-99657	R2-99k88	**approved**	R2	Efficient rate command signalling

CR	Rev	Cat	RAN Doc	WG Doc	Status	WG	Subject
25.401	**:**	***UTRAN Overall Description***					**Old:** 3.0.0 **New:** 3.1.0
001	1	C	RP-99736	R3-99j38	**approved**	R3	Clarification of O&M transport in 25.401
004	1	F	RP-99736	R3-99j48	**approved**	R3	Changes on 25.401, section 9
005		B	RP-99737	R3-99j34	**approved**	R3	Changes on 25.401; section 7.1 and 7.2
006		D	RP-99735	R3-99j36	**approved**	R3	Changes on 25.401; section 6 (resubmission)
007		F	RP-99736	R3-99i24	**approved**	R3	Routing of NAS Messages in UTRAN
008		C	RP-99736	R3-99i87	**approved**	R3	Introduction of Service Area Identifier
009		F	RP-99737	R3-99k25	**approved**	R3	Service specific function for NAS messages
010		C	RP-99736	R3-99j80	**approved**	R3	Additions to UTRAN Identifier Descriptions in
011		F	RP-99833	R3-99j49	**approved**	R3	Change in U- and c_RNTI definitions
25.410	**:**	***UTRAN Iu Interface: General Aspects and Principles***					**Old:** 3.0.0 **New:** 3.1.0
001	1	D	RP-99740	R3-99k01	**approved**	R3	Editorial Improvements & Clarifications to 25.410
002		F	RP-99741	R3-99k00	**approved**	R3	SCCP GT Formats
003		D	RP-99740	R3-99k22	**approved**	R3	Cleanup of Iu Functions
004		F	RP-99741	R3-99i61	**approved**	R3	Q.2630.1 set-up and release on the Iu interface
25.411	**:**	***UTRAN Iu interface Layer 1***					**Old:** 3.0.0 **New:** 3.1.0
001	1	D	RP-99742	R3-99k39	**approved**	R3	Precise wording in section 7.2 with respect to IMA.
002		F	RP-99743	R3-99j40	**approved**	R3	Addition of references to ITU G.824 and G.825
25.412	**:**	***UTRAN Iu interface signalling transport***					**Old:** 3.1.0 **New:** 3.2.0
001		C	RP-99744	R3-99i90	**approved**	R3	Removal of usage of SCCP Class 1 for RANAP
25.414	**:**	***UTRAN Iu interface data transport & transport signalling***					**Old:** 3.1.0 **New:** 3.2.0
001	1	F	RP-99747	R3-99k13	**approved**	R3	CR to 25.414 about the GTP port number and GTP
25.415	**:**	***UTRAN Iu interface user plane protocols***					**Old:** 3.0.0 **New:** 3.1.0
001		C	RP-99749	R3-99i97	**approved**	R3	Cleanup of coding section
002		D	RP-99748	R3-99i98	**approved**	R3	Editorial corrections and clarifications
003		D	RP-99748	R3-99i99	**approved**	R3	Addition of definitions for transcoder operation
004		C	RP-99749	R3099f40	**approved**	R3	Header CRC check
005		C	RP-99749	R3-99g01	**approved**	R3	Initialisation procedure for UTRAN Iu UP protocol
006		F	RP-99749	R3-99j01	**approved**	R3	Direction of Rate control
007		B	RP-99750	R3-99j96	**approved**	R3	Error event and error handling
008		B	RP-99750	R3-99j97	**approved**	R3	Iu UP protocol evolution
009		F	RP-99749	R3-99k16	**approved**	R3	Frame octet padding
010		B	RP-99750	R3-99i85	**approved**	R3	Enhancement of Rate control
011		C	RP-99749	R3-99j87	**approved**	R3	Iu-UP frame Quality Classification
25.422	**:**	***UTRAN Iur interface signalling transport***					**Old:** 3.1.0 **New:** 3.2.0
001		C	RP-99753	R3-99h92	**approved**	R3	Removal of usage of SCCP Class 1 for RNSAP
25.427	**:**	***UTRAN Iur and Iub interface user plane protocols for DCH data streams***					**Old:** 3.0.0 **New:** 3.1.0
002		F	RP-99759	R3-99h87	**approved**	R3	Location of quality estimate in payload (equal to
003		F	RP-99759	R3-99h88	**approved**	R3	DCH frame timing related issues (equal first part of
004		D	RP-99758	R3-99h89	**approved**	R3	Editorial Changes to 25.427
005		B	RP-99760	R3-99k03	**approved**	R3	Clarification of the selection of the QE (previous
006		F	RP-99759	R3-99k26	**approved**	R3	Aligned definition of quality estimate (previous I08,
007		D	RP-99758	R3-99j10	**approved**	R3	Order of coordinated DCH in the Frame Protocol
25.435	**:**	***UTRAN Iub interface user plane protocols for CCH data streams***					**Old:** 3.0.0 **New:** 3.1.0
001		D	RP-99765	R3-99i18	**approved**	R3	Editorial CR to 25.435
005	1	F	RP-99766	R3-99j45	**approved**	R3	Alignment of the FDD and TDD operations
006		D	RP-99765	R3-99k10	**approved**	R3	Clarification of the use of the DL Transport
007		D	RP-99765	R3-99h90	**approved**	R3	Editorial CR to 25.435
25.941	**:**	***RF Introduction***					**Old:** 3.0.0 **New:** 3.1.0
001		F	RP-99782	R4-99994	**approved**	R4	CR for 25.941

Annex D: Statement by TTA member companies

TSG-RAN Meeting #6 ***TSGRP#6(99)869***
Nice, France, 13 – 15 December 1999

Agenda Item: 7.1

Source: ETRI, LGIC, SK Telecom, KT, Dacom, Samsung Electronics Co. Ltd (TTA member Companies)

Title: Inclusion of gated DPCCH transmission in 3GPP standard

Document for: Discussion and Decision

Following the discussion relating to the inclusion of gated DPCCH transmission in Release '99 of the 3GPP standard, it appears that no consensus can be reached in TSG RAN. In addition, a number of perceived outstanding issues have been highlighted by Working Group chairmen, as a basis for proposing to defer inclusion of gated DPCCH in the standard, until Release 2000.

We (the TTA members listed above), do not agree that the identified outstanding issues are sufficient to justify the deferral of gated DPCCH to release 2000. We do however, recognise that there does not appear to be sufficient political will amongst the 3GPP companies present, to ensure that the identified outstanding issues are dealt with in time for inclusion of gated DPCCH as part of Release '99. Nevertheless, we believe that gated DPCCH can deliver benefits as previously stated, and therefore propose that gated DPCCH is dealt with as a matter of priority for inclusion in Release '2000 by June of next year.

Annex E: Meeting schedule

TSG-RAN

Meeting	Date	Host	Location
RAN#7	13 - 15 March 2000	Telefonica Moviles	Madrid, Spain
RAN#8	21 - 23 June 2000 (in conjunction with SMG#32)	Mannesmann	Düsseldorf, Germany
RAN#9	27 - 29 September 2000	ARIB, T1P1	Hawaii, USA
RAN#10	06 - 08 December 2000	Unisys	Bangkok, Thailand

TSG-RAN WG1

Meeting	Date	Host	Location
#12	10 - 13 April 2000	Samsung	Seoul, Korea
#13	22 - 26 May 2000		Japan (tbc)
#14	03 - 07 July 2000	Nokia (tbc)	Finland (tbc)
#15	21 - 25 August 2000	Siemens (tbc)	Germany
#16	09 - 13 October 2000	TTA (tbc)	Korea (tbc)
#17	20 - 25 November 2000		

TSG-RAN WG2

Meeting	Date	Host	Location
#12	10 - 13 April 2000	Samsung	Seoul, Korea
#13	22 - 26 May 2000	T1P1	USA
#14	03 - 07 July 2000	Nortel	Paris, France
#15	21 - 25 August 2000	ETSI	Sophia Antipolis, France
#16	09 - 13 October 2000	CWTS, Ericsson	Beijing, China
#17	13 - 17 November 2000	ETSI	Sophia Antipolis, France

TSG-RAN WG3

Meeting	Date	Host	Location
#12	10 - 13 April 2000	Samsung	Seoul, Korea
#13	22 - 26 May 2000	T1P1	USA
#14	03 - 07 July 2000	Nokia	Finland
#15	21 - 25 August 2000	Siemens	Germany
#16	11 - 15 September 2000	Offer from US operators	Dallas, TX, USA (tbc)
#17	23 - 27 October 2000		Korea
#18	20 - 24 November 2000	Motorola	Chicago, IL, USA

TSG-RAN WG4

Meeting	Date	Host	Location
#12	22 - 26 May 2000	Nokia	Turku, Finland
#13	11 - 16 September 2000	Omnitel	Milan, Italy
#14	20 - 24 November 2000	Silicon Automation Systems	Bangalore, India