

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

RP-00000

**Title:** Approved Report of the 6th TSG-RAN meeting  
(Nice, France, 13-15 December 1999)  
**Document for:** Information  
**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 specific 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 Meeting. On the other hand, there are still several details that need to be worked on. The meeting discussed whether they 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 at 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 DPCH transmission
2. Uplink Synchronous Transmission (FDD)
3. Available capacity estimate in a drift cell
4. Reconfiguration of DL TPC step size
5. DPCH Rate Reduction in soft handover and DPCH 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 on TDD, which was proposed from Chinese CWTS. Also, IP transport within UTRAN (in addition to the current ATM-based transport) was proposed as a work item toward Release '00 and agreed.

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## 1 Opening of the meeting

The chairman opened RAN#6 at 09.00 on 13 December 1999 and thanked ETSI for hosting the meeting, delegates for the hard work done this year. Bridget Cosgrave (ETSI) welcomed the delegates to Nice. She said that the 3GPP project was created in Copenhagen and that the first meetings were held in Sophia Antipolis 18 months ago, and that this was the first anniversary of 3GPP. Although very aggressive timescales were set, they had managed to produce a set of specifications describing a 3G system on schedule. This was an unprecedented achievement, and the achievement was only possible due to the massive effort of the 3GPP members. Resolutions would be frozen at this meeting.

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## 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.

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## 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 Vlist)**

### **RP-99602 Revised Draft TSG-RAN#5 meeting report (Kyongju, Korea) (MCC, Hans van der Vlist)**

The revised meeting report of RAN#5 in RP-99602 had been distributed via the email reflector and was available on the TSG-RAN server. Compared to the original draft version, there were some small changes in the ITU Ad Hoc part and the 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 Vlist)**

This was the approved report of the TSG-RAN #5 meeting.

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## 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 request to do this was received. TSG-RAN also encouraged the WGs to have a company feel responsible for the LS. One suggested way to solve this is to have the company that drafted the LS in one group, present it to 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 (WG1)**

Antti Toskala (TSG-RAN WG1 Chairman) presented this LS, which requested input from WG2 and W to approve the CR.

**Discussion:** WG2 did not receive this LS for their last meeting. There was an answer from WG4 to th 99A20, see RP-99792), which suggested to postpone the CR involved. There were two sets of simulati which were conflicting. There was a suggestion to include both results then. The topic had been included standards, and the question was how to align WG1 and WG2: delete the issue from WG2 or add it to V

**Decision:** The LS was noted. The related CR was postponed. The WG1 Chairman drafted a template 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 bl 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

**Decision:** The LS was noted. The subject would be in R99, but was not yet completed. WG1 would 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 hi 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 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 V**

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 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 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 to start a discussion on the e-mail reflector. TSG-SA WG2 discussed it and sent it to TSG-CN, who de answer the LS as it was considered too sensitive. WG2 would rely on the WG3 figures to do calculation

**Decision:** The LS was noted. There would be a response LS to TSG-SA4 and TSG-SA2 and WG3 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 req 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 I 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 (tes 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

**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 for the 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 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 handover (T1P1)**

Gary Jones (Omnipoint) presented this LS.

**Discussion:** The various groups in 3GPP were requested to investigate this topic. The European Commission 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.

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## 5 Handling Release'99 documents from TSG-RAN

The CRs marked as editorial (type "D") were not presented. The CRs marked correction ("F") or modification ("B") 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 all this was to be able to get through the nearly 350 CRs presented to the plenary meeting in a reasonable time.

**Discussion:** It was requested by some delegates that all CRs be available on the TSG-RAN server or 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.

meetings held in the last week before the plenary should not happen any longer by TSG-SA #5 decision 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 agreed CRs are presented to TSG-RAN and to make sure that the right version of the CRs are used for presentation)
- 3) to prepare the agreed CRs for the plenary (changing the source, headers, check that the CR mention the correct version of the specification, ...)

Francois Courau (Vice-Chairman TSG-RAN) made clear that the experts in each of the WGs had any relevant information available for a longer period of time, and it should be possible to have intra-company coordination.

**Decision:** The MCC was requested to circulate the draft WG lists of CRs on the TSG-RAN reflector 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 |
|------|--------|----------------------|-----------------------------|--------|
| n/a  | 25.990 | n/a                  | TSG-RAN Vocabulary document | n/a    |
| n/a  | 21.905 | n/a                  | Vocabulary document         | 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 since the previous TSG-RAN #5 meeting. Six items were left for R99 that had not been finished yet.

**Discussion:** Per Willars (Chairman TSG-RAN WG3) wondered about the optional Turbo interleaver, a new feature that would need changes in WG2 and WG3. WG1 would therefore need to signal to WG2 and WG3 immediately on any such issues. WG1 did not think the changes in WG2 and WG3 would be difficult or consuming. This topic was covered by an R99 cover sheet and was handled in Agenda Item 7.1 (see R100). 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  |
|----------|---------------|-----------------|---|---|
| RP-99676 | 25.211        | 3.0.0           | Agreed CRs category "D" (Editorial)                         | approved  |
| 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 |
| RP-99678 | 25.211        | 3.0.0           | Agreed CRs category "B" (New features)                      | approved  |
| RP-99684 | 25.211        | 3.0.0           | Agreed corrected CRs  | approved  |

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

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

**CRs to TS 25.213: Spreading and modulation (FDD)**

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

**CRs to TS 25.214: FDD; physical layer procedures**

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

**CRs to TS 25.215: Measurements (FDD)**

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

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

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

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

1) CR001r3 to TS 25.222 is in RP-99694 but its Tdoc was wrong. R1-99j97 is contained in RP-99694, 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   |
|----------|---------------|-----------------|---|----------|
| RP-99695 | 25.223        | 3.0.0           | Agreed CRs category "D" (Editorial)                         | approved |
| RP-99696 | 25.223        | 3.0.0           | Agreed CRs category "C" (Modification) and "F" (Correction) | approved |

**CRs to TS 25.224: TDD; physical layer procedures**

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

**CRs to TS 25.225: Measurements (TDD)**

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

## Reports from WG1 for information

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

## 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 since the previous TSG-RAN #5 meeting, most of them on 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 WG approval did not mean that work was complete and previous experience in SMG had taught that resources should be quickly reallocated, causing unnecessary delay because new people had to go through a learning curve. A new item should be added for CR 026 to 25.331, as it was discovered late that it had not been included into another specification 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 to allow 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 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   |
|-----------|---------------|-----------------|---|----------|
| R P-99620 | 25.301        | 3.2.0           | Agreed CRs category "D" (Editorial)                         | approved |
| R P-99621 | 25.301        | 3.2.0           | Agreed CRs category "C" (Modification) and "F" (Correction) | approved |

**CRs to TS 25.302: Services provided by the Physical Layer**

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

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   |
|-----------|---------------|-----------------|---|----------|
| R P-99628 | 25.303        | 3.1.0           | Agreed CRs category "D" (Editorial)                         | approved |
| R P-99629 | 25.303        | 3.1.0           | Agreed CRs category "C" (Modification) and "F" (Correction) | approved |

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

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

**CRs to TS 25.321: MAC protocol specification**

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

**CRs to TS 25.322: RLC Protocol Specification**

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

**CRs to TS 25.331: RRC Protocol Specification**

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

**Specifications from WG2 for approval**

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

**Reports from WG2 for approval**

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

1) WG3 would take this document into account and align the WG2 and WG3 output on the basis of 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   |
|-------------------------------|---------------------|----------------------|------------------------------------|--|
| R P-99649 / R P-99648 (cover) | 25.331              | Interm.              | RRC Protocol Specification         | This was the result of applying the CRs from R P-99650, R P-99651 and R P-99652. All CRs were approved (see above) |
| R P-99663 / R P-99662 (cover) | 25.924              | 1.0.0                | Opportunity Driven Multiple Access | noted  |
| R P-99667 / R P-99666 (cover) | 25.926              | 1.0.0                | UE Radio Access Capabilities       | noted  |

**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 submitted in 1999...

**Discussion:** There were no R99 submission forms, but the WG4 Chairman noted that he expected to receive items following from WG1 and WG2 work, of which WG4 was not currently aware. WG4 therefore discussed 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 output 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  |
|----------|---------------|-----------------|---|---|
| RP-99771 | 25.101        | 3.0.0           | Agreed CRs category "D" (Editorial)                         | approved                                      |
| RP-99772 | 25.101        | 3.0.0           | Agreed CRs category "C" (Modification) and "F" (Correction) | CR 016 was rejected 1); the rest was approved |
| RP-99773 | 25.101        | 3.0.0           | Agreed CRs category "B" (New features)                      | approved                                      |
| RP-99826 | 25.101        | 3.0.0           | Agreed CR 013   | approved                                      |
| RP-99830 | 25.101        | 3.0.0           | CR 016r1  | approved                                      |

- 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 doubted whether it was really true that there was no impact on the simulation results, as had been claimed in WG4. The scenario was considered to be unrealistic. Furthermore, there were concerns that Annex 1 was "normative". WG4 was asked to rediscuss it. Evelyne Le Strat (Nortel Networks) would produce a new version to put the entire section between brackets in RP-99830. Interested companies were invited to contribute on this topic in WG4.

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

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

- 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 no concerns 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   |
|----------|---------------|-----------------|---|--|
| RP-99777 | 25.104        | 3.0.0           | Agreed CRs category "D" (Editorial)                         | approved   |
| RP-99778 | 25.104        | 3.0.0           | Agreed CRs category "C" (Modification) and "F" (Correction) | CR 016 was rejected 2); CR 019 was withdrawn 2); the rest was approved |
| RP-99825 | 25.104        | 3.0.0           | Agreed CR 019r2   | approved   |
| RP-99831 | 25.104        | 3.0.0           | CR 016r1  | approved   |

- 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      |
|----------|---------------|-----------------|---|-------------|
| RP-99779 | 25.105        | 3.0.0           | Agreed CRs category "D" (Editorial)                         | approved    |
| RP-99780 | 25.105        | 3.0.0           | Agreed CRs category "C" (Modification) and "F" (Correction) | approved    |
| RP-99781 | 25.105        | 3.0.0           | Agreed CRs category "B" (New features)                      | approved    |
| RP-99870 | 25.105        | 3.0.0           | Agreed CR 003   | approved 1) |

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

#### CRs to TR 25.941: Document Structure

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

#### Specifications from WG4 for approval

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

**Reports from WG4 for information**

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

**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 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 before March 2000 than to other WG3 work. TSG-RAN also endorsed the principles outlined by WG3 which work to prioritise ( 1) Ensure completeness/correctness of R99 TSs for the "Basic" (TSG-RAN #1) functionality; 2) complete the R99 TSs with an identified list of features / functions for RAN#7; 3) update 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, Ericsson, Fujitsu, Hitachi, Huawei, Intel, InterDigital, Lucent, Motorola, NEC, Nokia, Philips, Samsung, Siemens, Telecom, GSM Association, Mannesmann Mobilfunk, Mitsubishi Electric, NTT DoCoMo, 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      |
|-----------|---------------|-----------------|---|-------------|
| R P-99735 | 25.401        | 3.0.0           | Agreed CRs category "D" (Editorial)                         | approved    |
| R P-99736 | 25.401        | 3.0.0           | Agreed CRs category "C" (Modification) and "F" (Correction) | approved    |
| R P-99737 | 25.401        | 3.0.0           | Agreed CRs category "B" (New features)                      | approved 1) |
| R P-99833 | 25.401        | 3.0.0           | Agreed CR 011   | approved    |

1) CR 005 should be of category "F" instead of "B". Carolyn Taylor (TSG-RAN WG3 Secretary) was notified of 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   |
|----------|---------------|-----------------|---|----------|
| RP-99740 | 25.410        | 3.0.0           | Agreed CRs category "D" (Editorial)                         | approved |
| RP-99741 | 25.410        | 3.0.0           | Agreed CRs category "C" (Modification) and "F" (Correction) | approved |

**CRs to TS 25.411: UTRAN Iu interface Layer 1**

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

**CRs to TS 25.412: UTRAN Iu interface signalling transport**

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

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

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

**CRs to TS 25.415: UTRAN Iu interface user plane protocols**

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

**CRs to TS 25.422: UTRAN Iur interface signalling transport**

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

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

| Tdoc     | Related spec. | Current version | Title   | Result   |
|----------|---------------|-----------------|---|----------|
| RP-99758 | 25.427        | 3.0.0           | Agreed CRs category "D" (Editorial)                         | approved |
| RP-99759 | 25.427        | 3.0.0           | Agreed CRs category "C" (Modification) and "F" (Correction) | approved |
| RP-99760 | 25.427        | 3.0.0           | Agreed CRs category "B" (New features)                      | approved |

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

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

**Specifications from WG3 for approval**

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

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 |
|-----------------------------|------------------|----------------------|----------|--------|
| RP-99829 / RP-99832 (cover) | 30.531           | 0.5.0                | Workplan | noted  |

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## 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) results were successfully introduced into the ITU documents. ITU-R TG 8/1 was discontinued and the v to IMT-2000 was allocated to a new permanent Working Party 8F (WP 8F). No activity was needed a moment, but the Ad Hoc Contact Person requested that the Ad Hoc group be allowed to remain in exis dormant.

**Decision:** The report was noted. Its conclusion (to keep the Ad Hoc group in "dormant mode" until an 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)*

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## 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 W 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. Samsung disagreed and stated that gated transmission was optional for both uplink and downlink in case of UE, optional for uplink and mandatory for downlink in case of 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 DPCH 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 included in R99. However, it was in many ways a performance issue and some of those had been allowed in R99. The benefit as presented was the saving of battery life. The WG3 chairman stated that the 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. WG2 was unsure what the status in WG1 was as there were conflicting views on that status by various delegates. Also, it was not clear if even the asymmetrical case would work. This was still under study in 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. 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, it 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 1999. TSG-RAN #7. WG1 has to inform WG2, WG3 and WG4 on 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 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 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-RAN WG1. 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-RAN WG1. 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-RAN WG1. 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-RAN WG1. 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 (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. T agreed by TSG-RAN for inclusion in R99 and would be presented to TSG-SA. The updated R99 form 99838.

**RP-99801 Support of soft handover during active compressed mode pattern (TSG-RAN 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 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 chairman 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-S4. 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-S4. 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 the impact 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-S4 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-S4 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-S4.

**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-S4. 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 was 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-RAN. The updated R99 was RP-99848. WG3 was tasked to study a simple solution before March. Release 2000 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-RAN. 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-RAN. 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-RAN. 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-RAN. 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-RAN. It was urged to use the same principles as applied to RACH and FACH, in order to reduce the work. The 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-RAN. TSG-RAN would discuss which SIBs, if any, would need to be generated by Node B and inform WG1 of the result 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-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-RAN for 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 #6 it was 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 Work Task #6 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 proposed for Release 2000. They were for information and the WG's 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 V workplan. The impact of the low chip rate option was mainly on WG1 and WG4. The impact on WG2 was thought to be minimal. Concern was expressed with regard to economies of scale in having two diverse modes. Nicola Pio Magnani (ITU Ad Hoc Contact Person) clarified that in ITU Recommendation IMT-RS-99 there were two separate sub-sections on TDD, but that this was due to the harmonisation not having finished when the ITU Recommendation was written. There was a very clear clarification in the ITU Recommendation IMT-RS-99 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 would be provided.

**Decision:** CWTS and the WGs were urged to harmonise the TDD modes as much as possible, in the 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 therefore also on this one. However, it was said that the IETF needed a decision now. Motorola and Lu supported Alcatel in requesting a decision at this meeting. The idea was to progress the work by having started in IETF and use the results in TSG-RAN. In the schedule some of the dates were wrong and should be 2000 instead of 1999. The timeplan was for WG3, but the WG3 chairman was concerned that it was too optimistic. The proposal was for the transport, not for the services.

**Decision:** IP transport in UTRAN was approved as a work task. Requirements would be provided for the 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 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 option for Release 2000. Discussion should not be prevented and should be fairly dealt with if and when contraindications arise. The input of the R99 cover sheets from WG1, WG2 and WG3 on this topic was meant to flag it as a topic needing a decision by TSG-RAN and did not mean that the topic was supported by the WGs for inclusion. The Vice-Chairman of WG1, Secretary of WG2 and Chairman of WG3 confirmed this. The source controller 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 WG1 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 Dec 1999 and was therefore misleading. This would need to be changed if the report was presented to TSG-RAN.

**Decision:** The document would be updated and attached to the TSG-RAN Chairman's report to TSC.

### 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-99715 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 V. 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 discussion about whether this should be optional or mandatory. "Optional" was intended by the chairmen to mean optional 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 was revisited in TSG-RAN #7. The WGs shall not have any discussion on optionality. With respect to the 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 WG3 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 WG3 Chairmen)**

**RP-99863 Release 99 submission form for Downlink Outer loop power control (TSG-RAN WG3 Chairmen)**

**RP-99864 Release 99 submission form for SoLSA (TSG-RAN WG3 Chairmen)**

**RP-99865 Release 99 submission form for initial UE capability (TSG-RAN WG3 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-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 WG3 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.

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## 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-RAN WG2 Chairman)**

Francois Courau (TSG-RAN Vice-Chairman) presented these two documents. RP-99733 was the presentation and 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 companies 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. Some intra-company co-ordination as there appeared to be double work in some of the specifications of the WGs.

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## 10 Workplan and future meetings

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

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## 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 especial members who had recently had some very busy months. He also thanked the hosts for providing excellent 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

| <i>Name</i> | <i>Organisation</i> | <i>Partner</i> | <i>Status</i> | <i>Telephone</i> | <i>Fax</i> | <i>E-mail</i> |
|-------------|---------------------|----------------|---------------|------------------|------------|---------------|
|-------------|---------------------|----------------|---------------|------------------|------------|---------------|



**TSG-RAN RP-000004- Approved Report of the 6th TSG-RAN meeting (Nice, France, 13-15 December 1999)**

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TSG-RAN RP-000004- Approved Report of the 6th TSG-RAN meeting (Nice, France, 13-15 December 1999)

**TSG-RAN RP-000004- Approved Report of the 6th TSG-RAN meeting (Nice, France, 13-15 December 1999)**

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## Annex B: List of documents

| Doc.No.  | Title   | Source                 | Ag.It. | C |
|----------|---|------------------------|--------|---|
| 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 | (2-99-173, 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 DPCH Transmission  | Samsung Electronics    | 7.1    |   |
| RP-99617 | Withdrawn   |                        |        | W |
| 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  | w |
| 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  | w |
| 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  | w |
| 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  | w |
| 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  | w |
| 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  | w |
| 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  |   |
| RP-99647 | TS 25.324 v2.0.0: Description of the BMC protocol   | TSG-RAN WG2            | 5.2.3  |   |

| Doc.No.  | Title   | Source      | Ag.It. | C |
|----------|---|-------------|--------|---|
| 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  |   |
| RP-99698 | CRs to TS 25.224 v3.0.0 category "C" (Modification) and "F" (Correction)                  | TSG-RAN WG1 | 5.1.3  |   |

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| 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 DPCH 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-Mobile, 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  |   |
| 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  |   |

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| 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  | R |
| 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    | R |
| RP-99784 | R99 Cover sheet Iu general aspects  | TSG-RAN WG3              | 7.1    | R |
| RP-99785 | R99 Cover sheet Iu signalling "RANAP"   | TSG-RAN WG3              | 7.1    | R |
| RP-99786 | R99 Cover sheet Iur/lub general aspects   | TSG-RAN WG3              | 7.1    | R |
| RP-99787 | R99 Cover sheet Iur signalling "RNSAP"  | TSG-RAN WG3              | 7.1    | R |
| RP-99788 | R99 Cover sheet Iur/lub user plane protocols                                    | TSG-RAN WG3              | 7.1    | R |
| RP-99789 | R99 Cover sheet Iub signalling (NBAP)   | TSG-RAN WG3              | 7.1    | R |
| RP-99790 | R99 Cover sheet Study items for future release                                  | TSG-RAN WG3              | 7.1    | R |
| 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  | ETF                      | 4.2    |   |
| 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  |   |

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| 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 lub and lur  | 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 lur   | TSG-RAN WG3 Chairman              | 7.1    |   |
| RP-99808 | R99 Cover Sheet: DSCH (FDD+TDD) and USCH (TDD) on lub   | TSG-RAN WG3 Chairman              | 7.1    |   |
| RP-99809 | R99 Cover Sheet: FACH power control on lur  | TSG-RAN WG3 Chairman              | 7.1    |   |
| RP-99810 | R99 Cover Sheet: Support of gated DPCH transmission on lur and lub  | TSG-RAN WG3 Chairman              | 7.1    |   |
| RP-99811 | R99 Cover Sheet: Version handling and compatibility issues for lub/lur userplane protocols                        | TSG-RAN WG3 Chairman              | 7.1    |   |
| RP-99812 | R99 Cover Sheet: Precise definition of parameters for optimisation on lur and lub                                 | TSG-RAN WG3 Chairman              | 7.1    |   |
| RP-99813 | R99 Cover Sheet: lu time alignment  | TSG-RAN WG3 Chairman              | 7.1    |   |
| RP-99814 | R99 Cover Sheet: Load information on lur  | 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 lur  | TSG-RAN WG3 Chairman              | 7.1    |   |
| RP-99818 | R99 Cover Sheet: Support for specific positioning methods on lur and lub  | 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 lur   | 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 lu  | 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    |   |
| RP-99842 | R99 Cover Sheet: DRX parameter on lur   | TSG-RAN WG3 Chairman              | 8.1    |   |
| RP-99843 | R99 Cover Sheet: DSCH (FDD+TDD) and USCH (TDD) on lub   | TSG-RAN WG3 Chairman              | 8.1    |   |
| RP-99844 | R99 Cover Sheet: Version handling and compatibility issues for lub/lur  | TSG-RAN WG3 Chairman              | 8.1    |   |

| Doc.No.  | Title   | Source  | Ag.It. | C |
|----------|---|---|--------|---|
|          | userplane protocols   |   |        |   |
| RP-99845 | R99 Cover Sheet: Parameters for optimisation on Iur and Iub   | TSG-RAN WG3 Chairman  | 8.1    |   |
| RP-99846 | R99 Cover Sheet: Iur 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 WG3 Chairmen  | 8      |   |
| RP-99858 | R99 Cover Sheet: CPICH SIR Measurement  | TSG-RAN WG3 Chairmen  | 8.1    |   |
| RP-99859 | R99 Cover Sheet: CPCH (FDD only)  | TSG-RAN WG3 Chairmen  | 8.1    |   |
| RP-99860 | R99 Cover Sheet: Small size turbo interleavers  | TSG-RAN WG3 Chairmen  | 8.1    |   |
| RP-99861 | R99 Cover Sheet: Cell selection/reselection   | TSG-RAN WG3 Chairmen  | 8.1    |   |
| RP-99862 | R99 Cover Sheet: DPCCCH Gating  | TSG-RAN WG3 Chairmen  | 8.2    |   |
| RP-99863 | R99 Cover Sheet: Downlink Outer loop power control  | TSG-RAN WG3 Chairmen  | 8.1    |   |
| RP-99864 | R99 Cover Sheet: SoLSA  | TSG-RAN WG3 Chairmen  | 8.1    |   |
| RP-99865 | R99 Cover Sheet: initial UE capability  | TSG-RAN WG3 Chairmen  | 8.1    |   |
| RP-99866 | Proposal to include gated DPCCCH 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 DPCCCH 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 during TSG RAN #06.

| CR   | Rev | Cat | RAN Doc  | WG Doc   | Status    | WG | Subject  | Old: 3.0.0 | New: 3.1.0 |
|--|-----|-----|----------|----------|-----------|----|--|------------|------------|
| <b>25.101 : UE Radio transmission and reception (FDD)</b>  |     |     |          |          |           |    |  |            |            |
| 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    |            |            |
| <b>25.102 : UE Radio transmission and reception (TDD)</b>  |     |     |          |          |           |    |  |            |            |
| 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                       |            |            |
| <b>25.104 : BTS Radio transmission and reception (FDD)</b> |     |     |          |          |           |    |  |            |            |
| 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      | 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               |   |
| <b>CR</b>   | <b>Rev</b> | <b>Cat</b> | <b>RAN Doc</b> | <b>WG Doc</b> | <b>Status</b> | <b>WG</b>   | <b>Subject</b>                                  |
| <b>25.105 : BTS Radio transmission and reception (TDD)</b>                        |            |            |                |               |               | <b>Old: 3.0.0 New: 3.1.0</b>                        |   |
| 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      | 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           |   |
| <b>25.211 : Physical channels and mapping of transport channels onto physical</b> |            |            |                |               |               | <b>Old: 3.0.0 New: 3.1.0</b>                        |   |
| 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       | R1-99i07      | 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   | R1-99i21       | revised       | R1            | 20 ms RACH message length                           |   |
| 009   | 1          | B          | RP-99684       | R1-99i21      | 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   | R1-99i29       | 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      |   |
| <b>25.212 : Multiplexing and channel coding (FDD)</b>                             |            |            |                |               |               | <b>Old: 3.0.0 New: 3.1.0</b>                        |   |
| 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       | R1-99i26      | approved      | R1  | Connection between TTI and CFN                  |
| 012   | 2          | F          | RP-99680       | R1-99i27      | 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       |
| <b>Old: 3.0.0 New: 3.1.0</b>                   |   |   |          |          |          |    |  |
| <b>25.213 : Spreading and modulation (FDD)</b> |   |   |          |          |          |    |  |
| 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 | R1-99i67 | approved | R1 | Support of short codes for CPCH                    |
| 014  | 1 | D | RP-99682 | R1-99i14 | approved | R1 | Editorial Change                                   |
| 016  |   | C | RP-99683 | R1-99i30 | approved | R1 | Channelization Code Allocation for USTS            |
| 017  | 1 | F | RP-99683 | R1-99i15 | approved | R1 | Correction (Editorial Change)                      |
| 019  |   | F | RP-99683 | R1-99i12 | approved | R1 | Correction to code allocation for compressed mode  |

| CR   | Rev | Cat | RAN Doc  | WG Doc   | Status    | WG | Subject  |
|--|-----|-----|----------|----------|-----------|----|--|
| <b>Old: 3.0.0 New: 3.1.0</b>                   |     |     |          |          |           |    |  |
| <b>25.214 : FDD; physical layer procedures</b> |     |     |          |          |           |    |  |
| 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 | R1-99i22 | 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 | R1-99i04 | approved  | R1 | Downlink power control                                 |
| 029  |     | B   | RP-99687 | R1-99j59 | approved  | R1 | Out-of-synch handling                                  |
| 030  | 2   | B   | RP-99687 | R1-99i70 | 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 | R1-99i59 | approved  | R1 | Inclusion of adjustment loop in downlink power         |
| <b>Old: 3.0.0 New: 3.1.0</b>                   |     |     |          |          |           |    |  |
| <b>25.215 :</b>                                |     |     |          |          |           |    |  |
| 001  | 3   | C   | RP-99688 | R1-99i42 | 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 DPCCCH                         |
| 006  |     | F   | RP-99688 | R1-99i72 | approved  | R1 | Definition of SIR measurement                          |
| 007  | 2   | B   | RP-99689 | R1-99i01 | approved  | R1 | Ranges and resolution of timing measurements           |
| 009  | 2   | F   | RP-99688 | R1-99i10 | approved  | R1 | Range and resolution for RF related measurements       |
| 010  | 2   | B   | RP-99689 | R1-99i09 | 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 | R1-99i02 | approved  | R1 | Range and resolution of BLER measurements              |
| 015  | 2   | F   | RP-99688 | R1-99i02 | approved  | R1 | Range and resolution of BER measurements               |
| 017  | 1   | F   | RP-99690 | R1-99i50 | postponed | R1 | CPICH SIR measurement                                  |

|   |   |          |          |           |          |   |  |
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| 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         |
| <b>25.221 : Physical channels and mapping of transport channels onto physical</b> |   |          |          |           |          |   |  |
| <b>Old: 3.0.0 New: 3.1.0</b>  |   |          |          |           |          |   |  |
| 001   | 2 | F        | RP-99692 | R1-99k56  | approved | R1  | Primary and Secondary CCPCCH in TDD              |
| 002   | 2 | F        | RP-99692 | R1-99l81  | approved | R1  | Removal of Superframe for TDD                    |
| 006   | F | RP-99692 | R1-99l98 | 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     |  |
| <b>25.222 : Multiplexing and channel coding (TDD)</b>                             |   |          |          |           |          |   |  |
| <b>Old: 3.0.0 New: 3.1.0</b>  |   |          |          |           |          |   |  |
| 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 | R1-99l94 | 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                      |  |
| <b>25.223 : Spreading and modulation (TDD)</b>                                    |   |          |          |           |          |   |  |
| <b>Old: 3.0.0 New: 3.1.0</b>  |   |          |          |           |          |   |  |
| 001   | 1 | F        | RP-99696 | R1-99l85  | approved | R1  | Primary and Secondary CCPCCH 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                          |  |
| <b>25.224 : TDD; physical layer procedures</b>                                    |   |          |          |           |          |   |  |
| <b>Old: 3.0.0 New: 3.1.0</b>  |   |          |          |           |          |   |  |
| 001   | 1 | F        | RP-99698 | R1-99l86  | approved | R1  | Primary and Secondary CCPCCH 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 |
| <b>CR Rev Cat RAN Doc WG Doc Status WG Subject</b>                                |   |          |          |           |          |   |  |
| <b>25.225 :</b>   |   |          |          |           |          |   |  |
| <b>Old: 3.0.0 New: 3.1.0</b>  |   |          |          |           |          |   |  |
| 001   | 1 | F        | RP-99700 | R1-99l87  | approved | R1  | Primary and Secondary CCPCCH 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,       |
| <b>25.301 : Radio Interface Protocol Architecture</b>                             |   |          |          |           |          |   |  |
| <b>Old: 3.2.0 New: 3.3.0</b>  |   |          |          |           |          |   |  |
| 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                     |
| <b>25.302 : Services provided by the physical layer</b>                           |   |          |          |           |          |   |  |
| <b>Old: 3.1.0 New: 3.2.0</b>  |   |          |          |           |          |   |  |
| 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 DPCCCH                        |  |
| 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 | R2-99l50 | 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                 |  |
| <b>25.303 : UE functions and inter-layer procedures in connected mode</b>         |   |          |          |           |          |   |  |
| <b>Old: 3.1.0 New: 3.2.0</b>  |   |          |          |           |          |   |  |
| 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                                    |  |
| <b>25.304 : UE procedures in Idle Mode</b>  |   |          |          |           |          |   |  |
| <b>Old: 3.0.0 New: 3.1.0</b>  |   |          |          |           |          |   |  |
| 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                                  |
| <b>25.321 : Medium Access Control (MAC) Protocol Specification</b>  |            |            |                |               |               |           | <b>Old: 3.1.0 New: 3.2.0</b>                      |
| 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       |
| <b>25.322 : Radio Link Control (RLC) Protocol Specification</b>     |            |            |                |               |               |           | <b>Old: 3.0.0 New: 3.1.0</b>                      |
| 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                         |
| <b>25.331 : Radio Resource Control (RRC) Protocol Specification</b> |            |            |                |               |               |           | <b>Old: 3.0.0 New: 3.1.0</b>                      |
| 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 SSDDT                          |
| 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     |
| <b>CR</b>   | <b>Rev</b> | <b>Cat</b> | <b>RAN Doc</b> | <b>WG Doc</b> | <b>Status</b> | <b>WG</b> | <b>Subject</b>                                    |
| 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 DPCCCH                      |
| 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 |

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|     |   |   |          |          |          |    |  |
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| 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 intersystem |
| 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                                     |
|---|-----|-----|----------|----------|----------|----|---|
| <b>25.401 : UTRAN Overall Description</b> |     |     |          |          |          |    | <b>Old: 3.0.0 New: 3.1.0</b>                |
| 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     |

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

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## Annex D: Statement by TTA member companies

**TSG-RAN Meeting #6**  
**Nice, France, 13– 15 December 1999**

***TSGRP#6(99)869***

Agenda Item: 7.1

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

Title: Inclusion of gated DPCCH transmission in 3GPP standard

Document for: Discussion and Decision

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Following the discussion relating to the inclusion of gated DPCCH transmission in Release '99 of 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 include 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, recognize that there does not appear to be sufficient political will amongst the 3GPP companies 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 be delivered as previously stated, and therefore propose that gated DPCCH is dealt with as a matter of high 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, LGIC, Hyundai | 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, LGIC, Hyundai | 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, F |
| #16     | 09 - 13 October 2000  | CWTS, Ericsson         | Beijing, China      |
| #17     | 13 - 17 November 2000 | ETSI                   | Sophia Antipolis, F |

## TSG-RAN WG3

| Meeting | Date                   | Host                    | Location              |
|---------|------------------------|-------------------------|-----------------------|
| #12     | 10 - 13 April 2000     | Samsung, LGIC, Hyundai  | Seoul, Korea          |
| #13     | 22 - 26 May 2000       | T1P1                    | USA                   |
| #14     | 03 - 07 July 2000      | Nokia                   | Finland               |
| #15     | 21 - 25 August 2000    | Siemens                 | Berlin, 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 |