

**3GPP TSG SA#8**  
**Düsseldorf, Germany, 26 -28 June, 2000**

**SP 000320**

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

RP-000draft2

**Title:** Draft Report of the 8th TSG-RAN meeting  
(Düsseldorf, Germany, 21-23 June 2000)  
**Document for:** Comment  
**Source:** 3GPP support team

Hans van der Veen  
ETSI Mobile Competence Centre  
F-06921 Sophia Antipolis Cedex  
Tel +33 4 92 94 42 61  
email: Hans.vanderVeen@etsi.fr

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## Executive summary <to be added>

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### 1 Opening of the meeting

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

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### 2 Approval of the agenda

#### **RP-000193 Proposed agenda (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 #7

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

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

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

**Decision:** The report was approved. The approved report would be available in RP-000196.

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

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

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### 4 Inputs from other groups

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

##### 4.1.1 TSG-SA and TSG-SA WGs

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

Yukitsuna Furuya (Chairman) presented this LS.

**Discussion:** There was some time needed to study this LS and see if TSG-RAN needed to do anything.

**Decision:** The LS was noted. WG3 was asked to consider this document.

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

### 4.2.1 TSG-RAN WG1

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

Antti Toskala (TSG-RAN WG1 Chairman) presented this LS.

**Discussion:** The document was for information. WG4 had not copied its response to TSG-RAN because it believed no action was needed by TSG-RAN.

**Decision:** The LS was noted.

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

Antti Toskala (TSG-RAN WG1 Chairman) presented this LS.

**Discussion:** There had been consideration of this issue in TSG-RAN WG2. Its response was in RP-000199 (R2-001284). WG2 believed that the handover would work and therefore disagreed with WG1's conclusion. SMG2 had not yet had time to look at it. Its successor would have to look at it, but that was no earlier than in August. TSG-RAN WG4 had responded to the LS, but this response had somehow not arrived in TSG-RAN. Howard Benn (TSG-RAN WG4 Chairman) read out the LS, which concluded that WG4 did not agree with WG1. Summarising, what is there currently is enough, although it may be not optimal. Improvements would be needed. Whether those improvements would be for Release '99 or Release '00 was for further study. After an offline discussion, it was decided that such improvements would not be for Release '99. However, some corrections would be made to existing specifications. Nils Andersen (SMG2 Chairman) stated that the proposed solution would not improve the GSM-to-UMTS case.

**Decision:** The LS was noted.

#### **RP-000285(R1-000765, copy TSG-RAN) LS on Proposed changes to 3GPP Release 2000 work plan (TSG-RAN WG1)**

Antti Toskala (TSG-RAN WG1 Chairman) presented this LS.

**Discussion:** The details of Release '00 would be handled in Agenda Item 6.

**Decision:** The LS was noted.

### 4.2.2 TSG-RAN WG2

#### **RP-000199(R2-001284, copy TSG-RAN) Response to LS (R1-000798) on 'Neighbour Cell SFN detection for Handover' (TSG-RAN WG2)**

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

**Discussion:** This was TSG-RAN WG2's answer to RP-000198 (R1-000798).

**Decision:** The LS was noted.

### 4.2.3 TSG-RAN WG3

#### **RP-000286(R3-001649, copy TSG-RAN) Response to LS (S1) on Hexadecimal IMEI format (TSG-RAN WG3)**

Per Willars (TSG-RAN WG3 Chairman) presented this LS.

**Discussion:** After offline discussion with TSG-SA WG1, WG3 had decided that the attached CR would cover the changes needed by TSG-SA WG1. WG2 had checked the status of its specifications, having received the same LS, and was able to support any IMEI format.

**Decision:** The LS was noted.

#### 4.2.4 TSG-RAN WG4

##### **RP-000200(R4-000528, to TSG-RAN) LS on RAN WG4 R00 work items (TSG-RAN WG4)**

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

**Discussion:** The contents of this document would be taken into account in Agenda Item 6 (R'00).

**Decision:** The LS was noted.

##### **RP-000307(R4-000541, to TSG-RAN) LS on Derivation of UE and BTS performance requirements (TSG-RAN WG4)**

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

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

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

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

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

**Discussion:** The topic of this document had already been handled in the discussion on this topic (WG1 and WG2 LSs RP-000198 and RP-000199).

**Decision:** The LS was noted.

#### 4.2.5 ITU Ad Hoc

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

Giovanni Romano (TIM) presented this LS.

**Discussion:** There was concern about the numbers in this document. They had been there before, but then under the header "TD-SCDMA". If the header was changed to "UTRA TDD", it would seem that TSG-RAN endorsed the numbers. Time was needed to review these numbers. The purpose of this LS was only to signal to ITU whether RSPC needed to be updated. The real deadline was in October. Editorial changes were needed to the LS.

**Decision:** The LS would be sent. Originally the attachment would not be included, but then it was found out that the deadline for a draft was 11 August, so a draft was needed after all. The (dormant) ITU Ad Hoc would be reactivated, using e-mail correspondence and if necessary, organise a drafting meeting (probably in Turin). Details for such a meeting would be announced soon (since a warning period of three weeks was needed). Originally, an update of the LS would be produced in this meeting, but it was decided to leave this

too to the ITU Ad Hoc drafting meeting. However, eventually RP-000324 was produced as update (see Agenda Item 8).

## 4.3 Others

### 4.3.1 SMG and SMG WPs

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

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

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

**Decision:** The LS was noted.

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

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

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

**Decision:** The LS was noted.

### 4.3.2 GSM Association

#### **RP-000304(copy TSG-RAN) Typical radio parameter sets version 1.3 (GSMA-ISG)**

Yukihiko Okumura (NTT DoCoMo) presented this LS.

**Discussion:** The intention of the document was to guarantee minimum interoperability, but not to limit what equipment could do. In answer to concerns about the stability of this document, it was stated that the GSM Association had already had its last meeting on this topic and that now only an e-mail discussion was held. No more major changes were foreseen, only corrections.

**Decision:** The LS was noted. WG1 and WG2 would review this document when they received it.

### 4.3.3 Others

#### **RP-000302Understanding of Japan on Handling of Measurement Uncertainty (ARIB)**

Masaaki Iwasa (ARIB) presented this LS.

**Discussion:** The topic was also covered by RP-000307 (LS from WG4). For the second point Howard Benn (TSG-RAN WG4 Chairman) proposed that working closely together with the ITU group on this topic could facilitate the global consensus that was sought. ARIB was happy with this, but MPT (Ministry of Post and Telecommunications) decides, so ARIB could not guarantee this was sufficient. The deadline for global agreement was not clear.

**Decision:** The LS was noted. 3GPP would be the body where the work was done, but the results would be provided to ITU. Howard Benn (TSG-RAN WG4 Chairman) would draft an LS to ITU to send this test specification (see RP-000325 in Agenda Item 8).

## 5 Reports from TSG-RAN Groups - Release '99

### Vocabulary documents

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

### General

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

#### RP-000323 Proposal for controlling changes to Release 99 (TSG-RAN Vice-Chairman)

Francois Courau (Vice-Chairman) presented this document.

**Discussion:** This document summarised which changes to R'99 were acceptable and which not. For category "C", the second and third sentence should be modified to make clear which functional modifications are allowed.

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

#### RP-000309 Status of some of CPCH Related Features in WGs (Samsung)

This document was withdrawn.

## 5.1 TSG-RAN WG1

### 5.1.1 Report from TSG-RAN WG1

#### RP-000263 Report from WG1 chairman to TSG-RAN (TSG-RAN WG1 Chairman)

Antti Toskala (Chairman TSG-RAN WG1) presented this report.

##### Presentation:

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

##### Discussion:

- On page 17, the header should say "Study/Work Item".

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

**Decision:** The report was noted.

## 5.1.2 Discussions on decisions from TSG-RAN WG1

There were no documents for this agenda item.

## 5.1.3 Approval of contributions from TSG-RAN WG1

### CRs to TS 25.201: Physical layer - General description

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

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000265	25.211	3.2.0	Agreed CRs	approved 1) 2) 3)	3.3.0

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

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

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

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

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

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

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

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

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



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

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

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

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000271	25.221	3.2.0	Agreed CRs	approved 1)	3.3.0

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

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000272	25.222	3.2.0	Agreed CRs	approved 1)	3.3.0

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

**CRs to TS 25.223: Spreading and modulation (TDD)**

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

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

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

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

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

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

**CRs to TR 25.944: Channel coding and multiplexing examples**

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

### Reports from WG1 for information

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

## 5.2 TSG-RAN WG2

### 5.2.1 Report from TSG-RAN WG2

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

#### RP-000287 Supplement (list of agreed CRs) to Report from WG2 chairman to TSG-RAN (TSG-RAN WG2 Chairman)

Denis Fauconnier (Chairman TSG-RAN WG2) presented this report (RP-000213) and the supplement of agreed CRs (RP-000287).

#### Presentation:

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

- There is some lack of clarity on process and status of Work Items
- List of release 00 Work Items
  - Based on release 99 experience, rationale for duplications of release 99 functions by new Work Items should be clearly justified before work can proceed
- Items with interactions/dependencies on other groups have been closed. Remaining interactions are with SMG2, and SMG2 experts will come to RAN WG2 meeting in July.
- Efforts are still needed from all companies in order to complete essentially RRC specifications.
- The total number of CRs submitted to TSG-RAN was 169.

**Discussion:**

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

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

## 5.2.2 Discussions on decisions from TSG-RAN WG2

There were no documents for this agenda item.

## 5.2.3 Approval of contributions from TSG-RAN WG2

### CRs to TS 25.301: Radio Interface Protocol Architecture

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000214	25.301	3.4.0	Agreed CRs	approved	3.5.0

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

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

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

### CRs to TS 25.303: Interlayer Procedures in Connected Mode

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

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

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000217	25.304	3.2.0	Agreed CRs	approved	3.3.0

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

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

### CRs to TS 25.321: MAC protocol specification

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

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

### CRs to TS 25.322: RLC Protocol Specification

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

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

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000221	25.323	3.1.0	Agreed CRs	approved	3.2.0

### CRs to TS 25.331: RRC Protocol Specification

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

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

### CRs to TR 25.922: Radio Resource Management Strategies

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000228	25.922	3.1.0	Agreed CRs	approved	3.2.0

## CRs to TR 25.926: UE Radio Access Capabilities

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

### 5.3 TSG-RAN WG3

#### 5.3.1 Report from TSG-RAN WG3

##### **RP-000230 Report from WG3 chairman to TSG-RAN (TSG-RAN WG3 Chairman)**

Per Willars (Chairman TSG-RAN WG3) presented this report.

##### **Presentation:**

- Most of the R99 open issues presented at TSG-RAN #7 were solved. Besides these, there were even more contributions to solve other issues.
- Nevertheless, there are still many issues to solve, but the severity of the issues decreases all the time. None of the remaining identified issues need to be reported to TSG-SA for potential exclusion of R '99.
- A problem for completion of R' 99 specifications was the late availability of the new versions of specifications, once the CRs had been approved by TSG-RAN. After TSG-RAN #7, the most critical specifications (25.413, 25.423, and 25.433) were not available until the following WG3 meeting, despite hard work by the MCC support team. Some extra resources need to be provided to the MCC support team for implementing CRs after each TSG meeting.
- A big risk for the quality, and openness, of the UTRAN interfaces (especially Iur/Iub) was the dependency on very few experts within TSG-RAN WG3. At the last meeting, more than 50% of the contributions to WG3 were from one company. All companies finding inconsistencies in the specifications are requested to provide CRs to WG3 as soon as possible.
- So far in 3GPP, there had been very much focus on specifying much new functionality in a short timeframe. From now on, it was needed to emphasise the quality aspects, i.e. ensure good quality of R'99 specifications, as well as work with higher quality requirements for the additional R'00 functionality.
- WG3 had decided to create a TR for each Work Item, in order to: (1) Facilitate agreement of requirements and principles before entering detailed solutions, and (2) Have a placeholder for agreed specification text, until the R'00 CRs are to be approved
  - Iu related work items
    - Handover for realtime services from PS-domain. Work is ongoing but no TR created.
    - RAB support enhancements. No activity.
    - RAB QoS negotiation. No activity.
    - TrFO / TFO. Work is ongoing. Have had one TrFO/TFO meeting with S4, S2, N1. Another one planned for July. Two corrections have been done to R99 to support TrFO (UP version negotiation, support for Codec negotiation).
  - Iur/Iub related work items
    - Support for LCS, FDD. No activity.
    - Support for LCS, TDD. No activity.
    - Low chiprate TDD option. No activity.
    - Improved support of inter-frequency/system measurements. No activity.
    - RRM optimisation. Congestion handling of DCH: No activity. RRM optimisation: Procedure parallelism on Iub/Iur: No activity. RRM optimisation: DPC Rate Reduction in soft handover: No activity. RRM optimisation: Introduction of common measurements over Iur for neighbouring cell load measurements: No activity. RRM optimisation: Extension of Radio Interface Parameters updating in the user plane: No activity.

- Hybrid ARQ (WG2 leading). Initial contribution noted.
- Support for multiple CCTrCHs. No activity.
- Node B synchronisation for TDD. No activity.
- Incorporation of narrowband TDD mode. No activity.
- Terminal power saving features. Initial contributions noted.
- Improved common DL channel for CELL\_FACH state. Initial contributions noted.
- Candidate enhancements for RL performance (R1 leading). No activity.
- USTS (R1 leading). Initial contribution, deferred to mail discussion.
- Highspeed DL packet access study. No activity.
- Overall UTRAN
  - QoS optimization for AAL2 connections (Q.2630 CS2) (TR 25.934). TR structure agreed. Discussions on contents.
  - IP transport in UTRAN (TR 25.933). Initial version of the TR agreed, including TR structure and initial list of requirements and study areas.
  - WG3 requests guidance on how to liaise with IETF.
- Around 210 CRs were presented for approval.

**Discussion:**

- The quality of the CRs (in general, not particularly for WG3) needed to improve, which would be one way of lowering the workload for the MCC support team. However, the sheer quantity of the CRs in the RAN working groups (many of which are large, in the order of hundreds of pages) was such that, no matter how good the CRs, additional help was still needed.
- It was good to note that the figures for the delay budget had dropped considerably, but it was not yet clear if those new figures were trustworthy. According to the WG3 Chairman, more time was needed for verification. Additionally, the access stratum stops in the Core Network and part of the Core Network is part of it and should be taken into account. For the time being this was not yet clear and it was recommended to defer the work on delay budget until that issue had been solved. Against this, it was argued that 95% of the work had to be done by WG3 anyway and could progress on the parts that was under their control. Other WGs might have input to the report as well.

**Decision:** The report was noted.

### 5.3.2 Discussions on decisions from TSG-RAN WG3

There were no documents for this agenda item.

### 5.3.3 Approval of contributions from TSG-RAN WG3

**CRs to TS 25.401: UTRAN Overall Description**

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

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

**CRs to TS 25.402: Synchronisation in UTRAN Stage 2**

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

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

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

**CRs to TS 25.413: UTRAN Iu interface RANAP signalling**

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

- 1) The category of CR 076 was wrong and should be "correction" (category F). Approved.
- 2) The category of CR 077 was wrong and should be "correction" (category F). Approved.
- 3) The category of CR 081 was wrong and should be "correction" (category F). Approved.
- 4) The category of CR 085 was wrong and should be "correction" (category F). Approved.
- 5) The category of CR 086 was wrong and should be "correction" (category F). Approved.
- 6) The category of CR 093 was wrong and should be "correction" (category F). Approved.
- 7) The category of CR 096 was wrong and should be "correction" (category F). Approved.
- 8) The category of CR 102 was wrong and should be "correction" (category F). Approved.
- 9) The category of CR 083 was wrong and should be "correction" (category F). Approved.
- 10) The category of CR 099 was wrong and should be "correction" (category F). Approved.
- 11) The category of CR 108 was wrong and should be "correction" (category F). Approved.
- 12) The category of CR 118 was wrong and should be "correction" (category F). Approved.
- 13) The category of CR 119 was wrong and should be "correction" (category F). Approved.
- 14) The category of CR 123 was wrong and should be "correction" (category F). Approved.
- 15) The category of CR 112 was wrong and should be "correction" (category F). Approved.

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

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

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

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

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

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

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

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

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

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

**CRs to TS 25.423: UTRAN Iur interface RNSAP signalling**

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

- 1) The category of CR 070 was wrong and should be "correction" (category F). Approved.
- 2) The category of CR 086 was wrong and should be "correction" (category F). Approved.
- 3) The category of CR 096 was wrong and should be "correction" (category F). Approved.
- 4) The category of CR 112 was wrong and should be "correction" (category F). Approved.
- 5) The category of CR 099 was wrong and should be "correction" (category F). Approved.
- 6) The category of CR 110 was wrong and should be "correction" (category F). Approved.
- 7) The category of CR 119 was wrong and should be "correction" (category F). Approved.
- 8) The category of CR 123 was wrong and should be "correction" (category F). Approved.
- 9) The category of CR 074 was wrong and should be "correction" (category F). Approved.
- 10) The category of CR 089 was wrong and should be "correction" (category F). Approved.
- 11) The category of CR 102 was wrong and should be "correction" (category F). Approved.
- 12) The category of CR 106 was wrong and should be "correction" (category F). Approved.
- 13) The category of CR 117 was wrong and should be "correction" (category F). Approved.
- 14) The category of CR 125 was wrong and should be "correction" (category F). Approved.
- 15) The category of CR 133 was wrong and should be "correction" (category F). Approved.
- 16) The category of CR 126 was wrong and should be "correction" (category F). Approved.
- 17) Some additional corrections to the ASN.1 in CR 141 might be needed.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000245	25.424	3.2.0	Agreed CRs	approved	3.3.0

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

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

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000247	25.426	3.2.0	Agreed CRs	approved	3.3.0



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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000248	25.427	3.2.0	Agreed CRs	approved 1)	3.3.0

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

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

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

**CRs to TS 25.433: NBAP specification**

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

- 1) The category of CR 084 was wrong and should be "correction" (category F). Approved.
- 2) The category of CR 089 was wrong and should be "correction" (category F). Approved.
- 3) The category of CR 102 was wrong and should be "correction" (category F). Approved.
- 4) The category of CR 109 was wrong and should be "correction" (category F). Approved.
- 5) The category of CR 131 was wrong and should be "correction" (category F). Approved.
- 6) The category of CR 118 was wrong and should be "correction" (category F). Approved.
- 7) The category of CR 139 was wrong and should be "correction" (category F). Approved.
- 8) The category of CR 142 was wrong and should be "correction" (category F). Approved.
- 9) The category of CR 159 was wrong and should be "correction" (category F). Approved.
- 10) CR 159 was related to WG1 CR 023 to 25.224. Approved and therefore the WG1 CR too.
- 11) The category of CR 096 was wrong and should be "correction" (category F). Approved.
- 12) The category of CR 128 was wrong and should be "correction" (category F). Approved.
- 13) The category of CR 156 was wrong and should be "correction" (category F). Approved.
- 14) The category of CR 146 was wrong and should be "correction" (category F). Approved.
- 15) CR 068 was related to CRs in WG1 and WG2. All should be approved (or rejected) at the same time. WG1 CRs had been discussed already. Approval of this CR was deferred. Approved.
- 16) Some additional corrections to the ASN.1 in CR 164 might be needed.

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000254	25.435	3.2.0	Agreed CRs	approved	3.3.0

### Specifications and reports from WG3 for approval

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

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

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

### Reports from WG3 for information

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

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

2) The cover sheet was not filled out and the document was withdrawn.

## 5.4 TSG-RAN WG4

### 5.4.1 Report from TSG-RAN WG4

#### RP-000203 Report from WG4 chairman to TSG-RAN (TSG-RAN WG4 Chairman)

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

##### Presentation:

- The work had been split between corrections to the BTS and UE specifications, and progressing work on the RRM documents.
- Work on R'00 work items had started.
- An LS was sent to RAN on the building block theme with the work items that WG4 believed they should be working on.
- Draft reports on RF repeaters and the low chip rate TDD option were available but not ready for RAN approval yet.
- Technical work on the BTS classifications and the TDD synchronization has started.
- ToR needed to be discussed in the RAN plenary (see agenda item 6.6)
- Measurement uncertainty needed to be discussed in the RAN plenary (see agenda item 4.3)
- Release 2000 issues for WG4:
  - Technical corrections
  - Repeaters
  - FDD Base Station Classification
  - TDD Base Station Classification
  - Low chip rate option

- TDD node B synchronisation
- Deployment Scenarios
- 104 agreed CRs were presented to RAN.

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

**Decision:** The report was noted.

#### 5.4.2 Discussions on decisions from TSG-RAN WG4

There were no documents for this agenda item.

#### 5.4.3 Approval of contributions from TSG-RAN WG4

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000204	25.101	3.2.0	Agreed CRs	approved	3.3.0

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

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

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

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

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

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

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

##### CRs to TS 25.113: Base station EMC

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

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

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-000209	25.123	3.1.0	Agreed CRs	approved	3.2.0

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

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

1) The category of CR 016 was wrong and should be "correction" (category F). Approved.

2) CR 023 was related to WG1 CRs. They should be handled simultaneously. Approved.

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

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

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

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

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

## 5.5 Summary of Release '99

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## 6 Release 2000

### General decisions:

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

### RP-000328 Role of rapporteur (TSG-RAN (WG) Chairmen and MCC Support)

Hans van der Veen (Secretary) presented this document.

**Discussion:** There might be more than one rapporteur for big specifications. Questions on the e-mail exploder are usually done by volunteers. The list of rapporteurs should be brought to the TSG meetings. With respect to organisational problems "solve" should read "provide support for resolution of".

**Decision:** The content was endorsed. An update would be attached in Annex F. MCC was asked to append the list of rapporteurs to the report.

### RP-000288 Collection of approved WI sheets TSG-RAN #7 (Secretary, Vice-Chairman)

Yukitsuna Furuya (Chairman) presented this document.

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

1. *Low chip rate TDD option.*

This WI was presented on the basis of RP-000191 of TSG-RAN#7.

2. *Base station classification.*

The WI sheet was endorsed.

3. *FDD Base station classification.*

Table in Section 4 should be deleted. Rapporteur should be Antti Toskala. Section 14c needed to be corrected.

With these changes the WI sheet was endorsed.

4. *TDD Base stations classification.*

The same changes to FDD should be applied to TDD:

Table in Section 4 should be deleted. Rapporteur should be Antti Toskala. Section 14c needed to be corrected.

With these changes the WI sheet was endorsed.

5. *Support of Location Services in UTRA TDD.*  
The title should be changed to "UE positioning in UTRA TDD". Table in Section 4 should be deleted.  
The approval date should be moved to TSG-RAN#10. This was a building block.  
With these changes the WI sheet was endorsed.
6. *Support of Location Services in UTRA FDD.* This was a building block.  
The title should be changed to "UE positioning in UTRA FDD". Table in Section 4 should be deleted.  
The approval date should be moved to TSG-RAN#10. The leading WG should be WG2 (Section 12).  
With these changes the WI sheet was endorsed.
7. *Hybrid ARQ II/III.*  
Table in Section 4 should be deleted. The approval date should be moved to TSG-RAN#10.  
With these changes the WI sheet was endorsed.
8. *NodeB Synchronisation for TDD.*  
Table in Section 4 should be deleted.  
With this change the WI sheet was endorsed.
9. *UTRA Repeater Specification.*  
Table in Section 10 should be updated. The note in Section 10 would be deleted.  
With these changes the WI sheet was endorsed.
10. *QoS optimization for AAL type 2 connections over Iub and Iur interfaces.*  
Table in Section 4 should be deleted. Section 14c had to be adapted (BB "Evolution of transport in UTRAN" had to be added).  
With these changes the WI sheet was endorsed.
11. *Terminal power saving features.*  
Section 14 had to be adapted. It was a building block belonging to feature "Radio Interface improvement".  
With this change the WI sheet was endorsed.
12. *Handover for real-time services from PS-Domain.*  
This was the one-but-last version, without the Alcatel comments (which had not been agreed). The title was confusing and should be rephrased as "PS-Domain handover for real-time services".  
With this change the WI sheet was endorsed.
13. *RAB Quality of Service Negotiation over Iu.*  
The WI sheet was endorsed.
14. *RRM optimizations.*  
An update was provided in RP-000310.
15. *Radio access bearer support enhancement.*  
The WI sheet was endorsed.
16. *Compressed mode enhancements.*  
The title (above) was wrong and should be rephrased as "Improvement of inter-frequency and inter-system measurements". Table in Section 4 should be deleted. The approval date should be moved to TSG-RAN#10.  
With these changes the WI sheet was endorsed.
17. *Support of Multiple CCTrCH in downlink (FDD).*  
The title (above) was wrong and should be rephrased as "Improved usage of downlink resource in FDD for CCTrCHs of dedicated type". For the rapporteurs, the first name is kept (second one to be removed).  
With these changes the WI sheet was endorsed.

**Decision:**

- Any reference to technology in all WI sheets should be clearly understood to be by way of example and not preclude other solutions. Future WI sheets should not contain references to solutions.
- For all the WI sheets the date of completion should be moved to TSG-RAN WG#10. Milestones should be identified and reviewed.
- Progress of each WI needs to be captured, for example in the form of a TR.

- The agenda for R'00 issues at future RAN plenaries would be structured according to Work Item per leading WG, not purely by Working Group (as was done for R'99). CRs etc. would be presented and approved by Feature or Building Block (depending on the size). Approval would be en bloc.

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

Yukitsuna Furuya (Chairman) presented this document.

#### **Discussion:**

1. *Radio link performance enhancements.*

Table in Section 4 should be deleted. From the objectives all but the first bullet point would be deleted. From the justification, the sentence from "especially related to ... physical layer." would be deleted. With these changes the WI sheet was endorsed.

2. *High speed downlink packet access.*

Leading WG should be WG2

With this change the WI sheet was endorsed.

3. *USTS.*

An update was provided in RP-000291.

4. *Feasibility Study for Improved Common DL Channel for Cell-FACH State.*

The format would be adapted to follow the WI template. The leading WG would be WG2.

There were further comments to the WI sheet, but it was decided to defer those until a revision of the WI sheet had been circulated on the TSG-RAN mailing list. The WI sheet was noted.

#### **Decision:**

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

### **RP-000305 Release 2000 Scope and Timescales (BT)**

Peter Adams (BT) presented this document.

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

**Decision:** The document was noted.

## **6.1 Work items under WG1 leadership**

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

Antti Toskala (TSG-RAN WG1 Chairman) presented this document (which had been 'noted' without presentation during the discussion on R'99). WG1 had reached consensus on all but three specifications.

**Discussion:** It was said (again) that the objective should be to achieve as much commonality as possible. There was a long discussion on this issue.

**Decision:** The TR was noted. The consensus reached by TSG-RAN WG1 on the specifications was debated, but eventually not fully endorsed. For all specifications where WG1 had reached consensus that narrowband TDD should be in the existing specification, that view was endorsed. For TS 25.221 through 25.225 the CR procedure should be used, with separate sections where appropriate.

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

Guiliang Yang (CWTS) presented this document.

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

**Decision:** With these changes, the WI sheet was endorsed.

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

This document was replaced by RP-000311.

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

Guiliang Yang (CWTS) presented this document.

**Discussion:** This was a building block. The table in Section 4 would be deleted. The justification section (Section 3) should be rewritten as it referred to e-mail discussion etc. This would be done offline. In the objective it should be stressed that the commonality between narrowband TDD and wideband TDD should be maximised.

**Decision:** With these changes, the Work Item was approved and the Work Item sheet was endorsed.

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

This document was replaced by RP-000312.

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

Yanhui Liu (CWTS) presented this document.

**Discussion:** In the objective it should be stressed that the commonality between narrowband TDD and wideband TDD should be maximised. The table in Section 4 would be deleted. The justification section (Section 3) should also be rewritten (offline). In the last line of the L2/L3 part of the objective, "baton handover" should be deleted and WG2 would study the need for "baton handover".

**Decision:** With these changes, the Work Item was approved and the Work Item sheet was endorsed.

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

This document was replaced by RP-000313.

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

Daijun Zhang (CWTS) presented this document.

**Discussion:** The table in Section 4 would be deleted. From the justification section (Section 3) the first three sentences would be deleted. TS 25.133 should be added to the list in Section 10.

**Decision:** With these changes, the Work Item was approved and the Work Item sheet was endorsed. Han van Bussel (T-Mobil) would draft an LS to SA and SMG2 to inform them about the third mode narrowband TDD in addition to (existing) TDD and FDD.

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

This document was replaced by RP-000314.

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

Guiliang Yang (CWTS) presented this document.

**Discussion:** The table in Section 4 would be deleted. The WI sheet should cover all layers (RNS, Layer 1, Layer 2/3 etc.). In other words, in the table in Section 10, the specifications other than the 25.2xx series should also be added. FDD and (wideband) TDD should also be covered.

**Decision:** With these changes, the Work Item was approved and the Work Item sheet was endorsed.

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

This document was replaced by RP-000315.

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

Yanhui Liu (CWTS) presented this document.

**Discussion:** The table in Section 4 would be deleted. In the justification the first three sentences would be removed. The reference to "usage of beamforming" should be moved to the WI on Smart antenna.

**Decision:** With these changes, the Work Item was approved and the Work Item sheet was endorsed.

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

This document was replaced by RP-000316.

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

Yanhui Liu (CWTS) presented this document.

**Discussion:** The table in Section 4 would be deleted. In the justification the first three sentences would be removed. The reference to "beamforming" should be moved to the WI on Smart antenna. The title should read "Low chip rate TDD UTRAN network Iub/Iur protocol aspects".

**Decision:** With these changes, the Work Item was approved and the Work Item sheet was endorsed.

**RP-000306 Status of Study Item "Radio Link Performance Enhancements" (TIM/CSELT)**

Antti Toskala (TSG-RAN WG1 Chairman) presented this document.

**Discussion:** This document commented on the study item. The discussion was covered in the discussion on RP-000289.

**Decision:** The document was noted.

## 6.2 Work items under WG2 leadership

**RP-000301 Proposed TR on "UTRA High Speed Downlink Packet Access" (TSG-RAN WG2)**

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

**Discussion:** Backward compatibility would be taken into account in the TR. "Feasibility" was taken to mean to study what advantages could be realised and at what cost. Probably some things would be found to be feasible in that sense and others might not. That would be captured in the eventual conclusion. WG2 would allocate work tasks to other WGs where necessary. Companies with input on this topic should first come to WG2 as the leading WG and should not directly go to other WGs.

**Decision:** The document was noted. Creation of the report was approved.



## 6.3 Work items under WG3 leadership

### **RP-000310 Revised WI sheet "RRM optimizations for Iur and Iub" (Ericsson)**

Per Willars (Ericsson) presented this document.

**Decision:** The WI sheet was endorsed.

## 6.4 Work items under WG4 leadership

## 6.5 Others

### **RP-000291 Revised WI sheet for approved study item "USTS" (SK Telecom)**

Young Lak Kim (SK Telecom) presented this document.

**Discussion:** Section 10 should not have reference to the specifications. In Section 3 (Justification) the first two sentences should be deleted.

**Decision:** With these changes, the Work Item was approved and the Work Item sheet was endorsed.

### **RP-000299 CPCH in Release 2000 (GBT)**

This document was withdrawn.

## 6.6 Overall RAN work plan

### **RP-000321 Project Plan, version 1.2 (TSG-SA WG2)**

Francois Courau (Vice-Chairman) presented this document.

**Discussion:** The document was for information.

**Decision:** The document was noted.

### **RP-000284 TSG-RAN WG1 workplan (TSG-RAN WG1)**

This document was not available.

### **RP-000290 Proposed ToRs for TSG-RAN WGs (TSG-RAN WG Chairmen)**

Hans van der Veen (Secretary) presented this document.

**Discussion:** The document was not available.

**Decision:** The document was noted. This draft would be circulated on the TSG-RAN server for comments.

The WGs could work along the lines of the draft ToRs, but the approval would be postponed to TSG-RAN#9 in Hawaii.

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## 7 Technical co-ordination among WGs

There was no input for this agenda item.

## 8 Output to other groups

### **RP-000298 Proposed LS (to ITU-T) on Understanding of Q.2630.1 (Japan Telecom)**

Hiroshi Komatsu (Japan Telecom) presented this LS.

**Discussion:** It was currently prohibited for TSG-RAN to liaise with ITU-T. If the LS had to be sent, it would have to be on behalf of supporting companies. In PCG this problem would be addressed in its next meeting in Beijing (July).

**Decision:** The LS was rejected. It was recommended that this document would be provided to ITU-T as a contribution, not an LS, on behalf of Japan Telecom or another company, as the PCG decision would be too late anyway.

### **RP-000324 Proposed response (to ITU-R WP8F) to LS (ITU-R WP8F) on The updating of RSPC (ITU-R Ad Hoc contact person)**

Giovanni Romano (TIM) presented this LS.

**Discussion:** The revision marks had to be switched on to see the differences with RP-000303.

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

### **RP-000325 Proposed LS (to ITU-R WP8F) on Addition of test specifications in ITU IMT.RSCP (ITU M.1457) (TSG-RAN WG4 Chairman)**

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

**Discussion:** The terminology should be a bit changed: "test specification" should be "conformance specification". The title of the specification should also refer to conformance specifications and to remove the reference to "ITU IMT.RSCP (ITU M.1457)". The source had to be TSG-T as well as TSG-RAN. On several occasions it said "3GPP RAN" which should be "3GPP RAN and 3GPP T". The beginning of the second paragraph should refer to "specifications generation body" rather than "standards generating body".

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

### **RP-000326 Proposed LS (to ITU-R WP8F) on Addition of test specifications (TSG-RAN)**

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

### **RP-000327 Proposed LS (to TSG-SA, TSG-SA WG1, TSG GERAN/ETSI SMG2) on interworking of low chiprate TDD with GSM, high chiprate TDD and FDD (T-Mobil)**

Han van Bussel (T-Mobil) presented this document.

**Decision:** The LS was approved. Hans van der Veen (Secretary) would send it out.

## 9 Project management

### **RP-000281TS 21.100 Specification handling (ETSI MCC)**

This document was withdrawn. A revision would be presented in TSG-SA.

### **RP-000282TS 21.200 Drafting rules (ETSI MCC)**

This document was replaced by RP-000322.

### **RP-000322TR 21.801 Specification drafting rules (ETSI MCC)**

John Meredith (ETSI MCC) presented this document.

**Discussion:** This document should be made available to the TSG-RAN WGs (after approval in SA).

**Decision:** The document was noted. MCC was asked to provide this document, and also the revised version of RP-000281 after approval in SA to the WGs.

### **RP-000283Transfer of GSM specifications to 3GPP (ETSI MCC)**

John Meredith (ETSI MCC) presented this document.

**Discussion:** There was some concern about the wording that seemed to suggest that 3GPP is a standardisation body. Therefore "standardization activity" would be changed to "specification activity".

**Decision:** The document was noted.

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## 10 Any Other Business

### **Concerns in WG2 report (RP-000213)**

*High peak load at implementation of CRs*

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

*Work Items*

This issue was solved in the meeting.

*List of release 00 Work Items*

This issue was covered by this meeting.

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## 11 Closing of meeting

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

## Annex A: List of delegates

	Name	E-mail address	Telephone	Fax	Mobile phone	Organisation	Status	Ctr
1.	Ms. Chelo Abarca	chelo.abarca@alcatel.fr	+33 1 69 63 14 11	+33 1 69 63 17 89		ALCATEL France	3GPPMEMBER - ETSI	FR
2.	Mr. Peter Adams	peter.m.adams@bt.com	+44 1 473 227 684	+44 1 473 227 884	+44 07802 471 234	BT	3GPPMEMBER - ETSI	GB
3.	Mr. Niels Peter Skov Andersen	npa001@email.mot.com	+45 43 48 81 10	+45 43 48 82 76	+45 4018 4793	MOTOROLA A/S	3GPPMEMBER - ETSI	DK
4.	Mr. Andrew Bell	andy.bell@nectech.co.uk	+44 11 89 65 46 75	+44 11 89 25 71 91	+44 77 70951326	NEC Technologies (UK) LTD	3GPPMEMBER - ETSI	GB
5.	Mr. Per Beming	per.beming@era.ericsson.se	+46 8 404 4681	+46 8 757 5720	+46 70 592 8876	ERICSSON L.M.	3GPPMEMBER - ETSI	SE
6.	Dr. Howard Benn	howard.benn@motorola.com	+44 1 793 566266	+44 1 793 566225	+44 78 02361664	MOTOROLA Ltd	3GPPMEMBER - ETSI	GB
7.	Mr. Ansgar Bergmann	ansgar.bergmann@etsi.fr	+33 4 92 94 43 22	+33 4 92 38 52 22		ETSI	3GPPORG_REP - ETSI	FR
8.	Mr. Jozef Blanz	jblanz@qualcomm.com	+1 303 247 5222	+1 303 247 5164		QUALCOMM EUROPE S.A.R.L.	3GPPMEMBER - ETSI	FR
9.	Mr. Achim V. Brandt	Achim.Brandt@icn.siemens.de	+49 89 722 41981	+49 89 722 24450		SIEMENS AG	3GPPMEMBER - ETSI	DE
10.	Mr. Jean-Marie Calmel	calmel@nortelnetworks.com	+33 1 39 44 52 82	+33 1 39 44 50 12		NORTEL NETWORKS (EUROPE)	3GPPMEMBER - ETSI	GB
11.	Mr. Ed Campbell	ed_campbell@npc.3com.com	+1 847 342 6769	+1 847 342 6350		3COM	3GPPMEMBER - ETSI	FR
12.	Mr. Silvano Candeco	silvano.candeco@istsupcti.it	+39 06 5444 2660	+39 06 5410 904	+39 329 610 0227	MINISTERO DELLE COMUNICAZIONI	3GPPMEMBER - ETSI	IT
13.	Mr. Carlos Miguel Caseiro	caseiro@torres.telecel.mailpac.pt	+351 1 7225415	+351 1 7225882		TELECEL Comunicacoes Pessoais	3GPPMEMBER - ETSI	PT
14.	Mr. Quentin Cassen	quent.cassen@conexant.com	+1 949 483 4177	+1 949 483 5890	+1 714 606 7433	Conexant Systems, Inc.	3GPPMEMBER - T1	US
15.	Dr. Jonathan Prince Castro	jonathan.castro@orange.ch	+41 21 261 1868	+41 21 216 1888		ORANGE PCS LTD	3GPPMEMBER - ETSI	GB
16.	Mr. Chi Cheung Chan	maurice_chan@hksmartone.com	+852 25976568	+852 28278336		BT	3GPPMEMBER - ETSI	GB
17.	Mr. Jean Pierre Charles	jeanpierre.charles@francetelecom.fr	+33 1 45 29 56 80	+33 1 45 29 64 40		France Telecom	3GPPMEMBER - ETSI	FR
18.	Mr. Dong Chen	dong.chen@pek1.siemens.com.cn	+86 10 643 61888	+86 10 64329569		SIEMENS AG	3GPPMEMBER - ETSI	DE
19.	Dr. Ian Corden	icorden@lucent.com	+44 1793 736 201	+44 1793 883 815		Lucent Technologies	3GPPMEMBER - ETSI	DE
20.	Mr. François Courau	francois.courau@alcatel.fr	+33 1 30 77 94 68	+33 1 30 77 94 30	+33 608 82 20 22	ALCATEL France	3GPPMEMBER - ETSI	FR
21.	Mr. Luca D'Antonio	ldantonio@mail.tim.it	+39 06 3900 9245	+39 06 3900 9315	+39 335 633 4175	TELECOM ITALIA S.p.A.	3GPPMEMBER - ETSI	IT
22.	Mr. Renato D'Avella	renato.davella@icn.siemens.it	+39 02 43 88 8392	+39 02 43 88 8390		Siemens ICN S.p.A.	3GPPMEMBER - ETSI	IT
23.	Mr. Jean-Jacques Davidian	davidian@docomo.fr	+33 1 5688 3030	+33 1 5688 3045		DoCoMo Europe S.A.	3GPPMEMBER - ETSI	FR
24.	Mr. Francois De Ryck	deryck@tcl.ite.mee.com	+33 2 99 84 11 27	+33 2 99 87 21 15		mitsubishi Electric	3GPPMEMBER - ETSI	FR

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Name	E-mail address	Telephone	Fax	Mobile phone	Organisation	Status	Ctr
25. Mr. Alexis De Warren	alexis.de_warren@cegetel.fr	+33 1 71 08 26 64	+33 1 71 08 33 24	+33603130037	CEGETEL	3GPPMEMBER - ETSI	FR
26. Dr. Steve Dick	steve.dick@interdigital.com	+1 631 622 4001	+1 631 622 0100		INTERDIGITAL COMMUNICATIONS	3GPPMEMBER - ETSI	US
27. Mr. Ian Doig	IANDOIG1@email.mot.com	+33 4 92 94	+33 4 92	+33 6 11 16 88 06	MOTOROLA S.A.	3GPPMEMBER - ETSI	FR
28. Mr. Amer El-Saigh	amer.el-saigh@vf.vodafone.co.uk	+44 1 635 673842	+44 1 635 231916		VODAFONE AirTouch Plc	3GPPMEMBER - ETSI	GB
29. Mr. Jan Ellsberger	jan.ellsberger@era.ericsson.se	+46 8 508 77965	+46 8 404 5769		ERICSSON L.M.	3GPPMEMBER - ETSI	SE
30. Mr. Christoph Euscher	Christoph.Euscher@bch.siemens.de	+49 28 71 91 28 61	+49 2871 91 33 87		SIEMENS AG	3GPPMEMBER - ETSI	DE
31. Dr. Hamid Falaki	hfalaki@lucent.com	+44 1793 88 3992			Lucent Technologies N. S. UK	3GPPMEMBER - ETSI	GB
32. Mr. Denis Fauconnier	dfauconn@nortelnetworks.com	+33 1 39 44 52 87	+33 1 39 44 50 12	+33 06 85 74 35 29	NORTEL NETWORKS (EUROPE)	3GPPMEMBER - ETSI	GB
33. Mr. Edgar Fernandes	edgar-fernandes@europe27.mot.com				MOTOROLA Ltd	3GPPMEMBER - ETSI	GB
34. Mr. Eisuke Fukuda	efukuda@mcs.ts.fujitsu.co.jp	+81 44 740 8106	+81 44 740 8185		Fujitsu Limited	3GPPMEMBER - ARIB	JP
35. Mr. Yukitsuna Furuya	furuya@ptl.yh.nec.co.jp	+81 45 939 2666	+81 45 939 2619		NEC Corporation	3GPPMEMBER - ARIB	JP
36. Mr. Jean-Michel Gabriagues	jean-michel.gabriagues@alcatel.fr	+33 1 30 77 39 10	+33 1 30 77 95 99		ALCATEL France	3GPPMEMBER - ETSI	FR
37. Mr. Peter George	Peter.George@eu.anritsu.com	+44 1438 740011	+44 1438 740202		ANRITSU CORPORATION	3GPPMEMBER - ARIB	JP
38. Mr. Dirk Gerstenberger	dirk.gerstenberger@era.ericsson.se	+46 58 533 901	+46 8 404 9072		ERICSSON L.M.	3GPPMEMBER - ETSI	SE
39. Mr. Gerhard Gerz	gerhard.gerz@regtp.de	+49 6131 18 2223	+49 6131 18 5613		BMW i	3GPPMEMBER - ETSI	DE
40. Mr. Alexandre Gouliaev	gulyaev@caemc.ru	+7 095 267 4740	+7 095 267 8430		NIIR	3GPPMEMBER - ETSI	RU
41. Mr. Marc Grant	grant@tri.sbc.com	+1 512 372 5834	+1 512 372 5891		SBC Communications Inc.	3GPPMEMBER - T1	US
42. Mr. François Grassot	frg@rigeltelecom.com	+33 6 85 32 53 95	+33 6 85 33 97 14	+33 6 85 32 53 95	BOUYGUES Telecom	3GPPMEMBER - ETSI	FR
43. Mr. Steve Green	steve.green@ties.itu.int	+44 20 7211 0321	+44 20 7211 0123	+44 78 02 338 341	DTI	3GPPMEMBER - ETSI	GB
44. Mr. Volkmar Hammer	volkmar.hammer@francetelecom.fr	+33 1 55222533	+33 1 55 22 26 24	+33 6 07 85 31 14	France Telecom	3GPPMEMBER - ETSI	FR
45. Mr. Jon Harris	jon.w.harris@bt.com	+44 1473 605432	+44 1473 623794	+44 10105231	BT Cellnet	3GPPMEMBER - ETSI	GB
46. Mr. Volker Höhn	volker.hoehn@d2mannesmann.de	+49 211 533 3637	+49 211 533 2834		MANNESMANN Mobilfunk GmbH	3GPPMEMBER - ETSI	DE
47. Mr. Carl Olof Hydbom	olle.hydbom@telelogic.com	+46 40 174750	+46 40 174747		TELELOGIC AB	3GPPMEMBER - ETSI	SE
48. Mr. Shinobu Ikeda	shinobu.ikeda@etsi.fr	+33 4 92 94 42 06	+33 4 92 38 49 36		ETSI	3GPPORIG_REP - ETSI	FR
49. Mr. Kenji Ito	kenji.ito@skk.siemens.co.jp	+81 3 5423 8520	+81 3 5423 8728		Siemens K.K	3GPPMEMBER - ARIB	JP
50. Mr. Masaaki Iwasa	rty868@email.mot.com	+81 3 3280 8435	+81 3 3440 3105		MOTOROLA JAPAN LTD	3GPPMEMBER - ARIB	JP
51. Mr. Gary Jones	gary.jones@voicestream.com	+1 301 951 2524	+1 301 951 2580	+1 201486 0949	VoiceStream Wireless Corp.	3GPPMEMBER - T1	US
52. Mr. Radivoj Kar	rkar@compuserve.com	+33 1 55 68 56 60	+33 1 55 68 57 41	+33 6 07 67 52 52	MITSUBISHI Electric	3GPPMEMBER - ETSI	FR

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Name	E-mail address	Telephone	Fax	Mobile phone	Organisation	Status	Ctr
53. Mr. Osamu Kato	osamu.kato@yrp.mci.mei.co.jp	+81 468 40 5420	+81 468 40 5183		Matsushita Communication	3GPPMEMBER - ARIB	JP
54. Mr. Kethees Ketheesan	kethees.ketheesan@iwv.com	+1 650 838 2221			InterWAVE Com. Intern. B.V.	3GPPMEMBER - ETSI	NL
55. Mr. Tuck-Kyung Kim	kdk@sktelecom.com	+82 342 710 5167	+82 342 710 5177		SK TELECOM	3GPPMEMBER - TTA	KR
56. Dr. Anja Klein	anja.klein@icn.siemens.de	+49 303 862 3559	+49 303 862 5548		SIEMENS AG	3GPPMEMBER - ETSI	DE
57. Mr. Hiroshi Komatsu	hkomatsu@japan-telecom.co.jp	+81 355408420	+81 355 408485		Japan Telecom Co. Ltd	3GPPMEMBER - ARIB	JP
58. Mr. Meik Kottkamp	meik.kottkamp@icn.siemens.de	+49 89 722 36223	+49 89 722 24450	+49 172 854 7553	SIEMENS AG	3GPPMEMBER - ETSI	DE
59. Mr. Timo Kumpumaki	timo.kumpumaki@sonera.com	+358 40 581 8086	+358 8 551 4411	+358 405818086	SONERA Corporation	3GPPMEMBER - ETSI	FI
60. Mr. Mika Laukkanen	mika.laukkanen@nokia.com	+81 3 5510 0800	+81 3 5510 0801		NTT DoCoMo	3GPPMEMBER - ARIB	JP
61. Ms. Evelyne Le Strat	elestrat@nortelnetworks.com	+33 1 39 44 53 39	+33 1 39 44 50 12	+33 6 08 55 15 58	NORTEL NETWORKS (EUROPE)	3GPPMEMBER - ETSI	GB
62. Mr. Frédéric Leroudier	frederic@linkair.com	+1 408 420 5858	+1 408 324 1765		Beijing Pacific LinkAir	3GPPMEMBER - CWTS	CN
63. Mr. Jun Li	lijun@pub.tdscdma.com				CATT	3GPPMEMBER - CWTS	CN
64. Mr. Yifeng Li	li.yingfeng@mail.zhongxing.com	+86 25 4826606	+86 25 4806481		Zhongxing Telecom Ltd.	3GPPMEMBER - CWTS	CN
65. Mr. YanHui Liu		+86 10 62302576277	+86 10 62304701		CATT	3GPPMEMBER - CWTS	CN
66. Mrs. Margaret Livingston	margaret.livingston@nokia.com	+1 972 894 5740	+1 972 894 5525		Nokia Telecommunications Inc.	3GPPMEMBER - T1	US
67. Mr. Yutaka Maeda	maeda@arib.or.jp	+81 33 55 10 85 94	+81 33 59 21 103		ARIB	3GPPORG_REP - ARIB	JP
68. Mr. Matteo Magotti	matteo.magotti@omnitel.it	+39 0125 624 628	+39 0125 624 734		OMNITEL	3GPPMEMBER - ETSI	IT
69. Ms. Paola Moretto	moretto@berkeley.atmel.com	+1 510 665 2016	+1 510 665 2005		ATMEL	3GPPMEMBER - ETSI	IT
70. Ms. Antonella Napolitano	antonella.napolitano@cse.lt.it	+39 011 228 5040	+39 011 228 7056		TELECOM ITALIA S.p.A.	3GPPMEMBER - ETSI	IT
71. Mr. Markus Nasshan	markus.nasshan@mch.siemens.de	+49 89 722 57577	+49 89 722 46246		SIEMENS AG	3GPPMEMBER - ETSI	DE
72. Mr. Markku Nieminen	markku.nieminen@elisa.fi	+358 10262 4282	+358 10262 3798		Finnet Group	3GPPMEMBER - ETSI	FI
73. Mr. Johan Nilsson	johan.nilsson@eed.ericsson.se	+49 911 5217 495	+49 911 5217 951		ERICSSON L.M.	3GPPMEMBER - ETSI	SE
74. Mr. Martin Nilsson	martin.nilsson@allgon.se	+46 8 540 834 71	+46 8 540 834 60		ALLGON AB	3GPPMEMBER - ETSI	SE
75. Mr. Jussi Numminen	jussi.numminen@nmp.nokia.com	+358 10 50 51	+358 10 505 45 44		NOKIA Corporation	3GPPMEMBER - ETSI	FI
76. Mr. Jaehong Park	parkjh@hei.co.kr	+82 2 580 5399	+82 2 580 5390		HYUNDAI ELECTRONICS INDUSTRIES	3GPPMEMBER - TTA	KR
77. Mr. Jin Hyo Park	jhpark90@sktelecom.com	+82 342 710 5063	+82 342 710 5199		SK TELECOM	3GPPMEMBER - TTA	KR
78. Mr. Kourosh Parsa	kpgbt@aol.com	+1 732 870 8088	+1 732 870 9008		Golden Bridge Technology Inc.	3GPPMEMBER - T1	US
79. Mr. Daniel Prenatt	dprenatt@aircom.com	+1 561-792-1139	+1 407 984 2348		Airnet Communications Corp.	3GPPMEMBER - ETSI	US
80. Mr. Paul Reid	paul.reid@etsi.fr	+33 4 92 94 42 19	+33 4 92 38 52 19		ETSI	3GPPORG_REP - ETSI	FR
81. Mr. Giovanni Romano	giovanni.romano@cse.lt.it	+39 011 228 7069	+39 011 228 7078		TELECOM ITALIA S.p.A.	3GPPMEMBER - ETSI	IT
82. Mr. Chang-Ho Ryoo	changho.ryoo@ekk.ericsson.se	+82 2 397 2783	+82 2 736 2765	+82 11 739 2701	ERICSSON KOREA	3GPPMEMBER - TTA	KR
83. Mr. Francesco Sapienza	francesco.sapienza@allgon.se	+468 540 83473	+468 540 82690		ALLGON AB	3GPPMEMBER - ETSI	SE

**TSG-RAN RP-000** ~~draft~~ - Revised Draft Report of the 8th TSG-RAN meeting (Düsseldorf, Germany, 21-23 June 2000)

Name	E-mail address	Telephone	Fax	Mobile phone	Organisation	Status	Ctr
84. Mr. Jürgen Schindler	juergen.schindler@icn.siemens.de	+49 30 386 33381	+49 30 386 28099		SIEMENS AG	3GPPMEMBER - ETSI	DE
85. Mr. William Schmidt	P26792@email.mot.com	+1480 732 2988	+1480 732 4425		Motorola Inc.	3GPPMEMBER - T1	US
86. Mr. Yoshihito Shimazaki	shimazaki147@oki.co.jp	+81 426 62 6580	+81 426 65 6536		Oki Electric Industry Co. Ltd.	3GPPMEMBER - ARIB	JP
87. Mr. Paul Simmons	simmonsp@nortelnetworks.com	+33 1 34 52 55 95	+33 1 34 52 50 12	+33 6 07 21 01 72	NORTEL NETWORKS (EUROPE)	3GPPMEMBER - ETSI	GB
88. Mr. Armin Sitte	armin.sitte@icn.siemens.de	+49 303 86 29077	+49 303 86 25548	+49 172 3824532	SIEMENS AG	3GPPMEMBER - ETSI	DE
89. Dr. Young Joon Song	youngjsong@lgic.co.kr	+82 343 450 2961	+82 343 450 2944		LGIC	3GPPMEMBER - TTA	KR
90. Mr. Jagdish Sonti	jsonti@cisco.com	+1 408 853 6880	+1 408 853 2299		Cisco Systems Inc.	3GPPMEMBER - T1	US
91. Mr. Prem Sood	pls@sharplabs.com	+1 360 834 8708	+1 360 834 8696		SHARP Corporation	3GPPMEMBER - ARIB	JP
92. Mr. Shumichi Tanaka	stanaka@lucent.com	+81 3 5561 3693	+81 3 55 61 9011		Lucent Technologies Japan Ltd.	3GPPMEMBER - ARIB	JP
93. Dr. Said Tatesh	statesh@lucent.com	+44 1793 883 293	+44 1793 883 815	+44 7771 701575	Lucent Technologies N. S. UK	3GPPMEMBER - ETSI	GB
94. Mrs. Carolyn Taylor	carolyn.taylor@etsi.fr	+33 4 92 94 43 52	+33 4 92 38 49 01		ETSI	3GPPORG_REP - ETSI	FR
95. Mr. Kazuhiko Terashima	tera@wtlab.sony.co.jp	+81 3 5782 5199	+81 3 5782 5213		SONY Corporation	3GPPMEMBER - ARIB	JP
96. Mr. Antti Toskala	Antti.Toskala@nokia.com	+358 9 511 38221	+358 9 511 38452	+358 40 513 2710	NOKIA Corporation	3GPPMEMBER - ETSI	FI
97. Mr. Stephen Truelove	stephen.truelove@t-modus.nec.co.uk	+44 1372 804 864	+44 1372 804 804		Telecom Modus Ltd.	3GPPMEMBER - ETSI	GB
98. Dr. Martin Tschudin	martin.tschudin@diAx.ch	+41 76 300 8042	+41 1 300 8081		diAx Telecommunications	3GPPMEMBER - ETSI	CH
99. Mr. Han van Bussel	han.van.bussel@t-mobil.de	+49 228 936 1232	+49 228 936 1245	+49 171 200 1148	Deutsche Telekom MobilNet	3GPPMEMBER - ETSI	DE
100. Mr. Peter van de Berg	peter.vandenberg@ecs.ericsson.se	+46 461 947 82	+46 461 94702		ERICSSON L.M.	3GPPMEMBER - ETSI	SE
101. Mr. Hans van der Veen	hans.vanderveen@etsi.fr	+33 4 92 94 42 61	+33 4 92 38 49 46	+31 6 5519 6615	ETSI	3GPPORG_REP - ETSI	FR
102. Mr. Juan Manuel Vazquez	vazquez_jm1@tsm.es	+34 63 000 9397	+34 63000 7953		TELEFONICA de España S.A.	3GPPMEMBER - ETSI	ES
103. Mr. Lining Wang	wangln@okigrp.com.sg	+65 779 1621	+65 779 2382		Oki Electric Industry Co. Ltd.	3GPPMEMBER - ARIB	JP
104. Mr. Makoto Watanabe	watanabemako@nttdocomo.co.jp	+81 3 5156 1786	+81 3 5156 0250		NTT DoCoMo	3GPPMEMBER - ARIB	JP
105. Mr. Per Willars	per.willars@era.ericsson.se	+46 87573448	+46 8 404 9500	+46 70 2670603	ERICSSON L.M.	3GPPMEMBER - ETSI	SE
106. Mr. Serge Willenegger	sergew@qualcomm.com	+41 244 363 541	+41 244 363 542	33680352188	QUALCOMM EUROPE S.A.R.L.	3GPPMEMBER - ETSI	FR
107. Dr. David Williams	david.williams@etsi.fr	+33 4 92 94 42 00	+33 4 93 65 47 16	+33 6 12 98 69 35	ETSI	3GPPORG_REP - ETSI	FR
108. Mr. Richard Wyrwas	richard.wyrwas@ico.com	+44 20 8600 1065	+44 20 8600 1198		ICO Services Ltd	3GPPMEMBER - ETSI	GB
109. Mr. Jianming Xiao	mecbtech@public3.bta.net.cn	+86 10 63604880	+86 10 63604879		China Mobile Company Corp.	3GPPMEMBER - CWTS	CN
110. Mr. JingHao Xu	xujh@bupt.edu.cn	+86 10 68094407	+86 10 68034801		RITT	3GPPMEMBER - CWTS	CN
111. Mr. Xiaofeng Xu	xiaofeng.xu@alcatel.com.hk	+33 1 30 77 1416	+86 139 0174 5349		ALCATEL France	3GPPMEMBER - ETSI	FR
112. Mr. Guiliang Yang	yanggl@pub.tdscdma.com	+86 10 62302577	+86 10 62304701		CATT	3GPPMEMBER - CWTS	CN
113. Mr. Raziq Yaqub	raziq@ddi.co.jp	+81 3 3221 9682	+81 3 3221 9694		DDI Corporation Japan	3GPPMEMBER - ARIB	JP

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<b>Name</b>	<b>E-mail address</b>	<b>Telephone</b>	<b>Fax</b>	<b>Mobile phone</b>	<b>Organisation</b>	<b>Status</b>	<b>Ctr</b>
114. Mr. Mitsuru Yokoyama	mitsuru_yokoyama@agilent.com	+81 78 993 2763	+81 78 993 2683		Agilent Technologies Japan Ltd	3GPPMEMBER - ARIB	JP
115. Mr. Keiji Yoshino	yoshino@ttc.or.jp	+81 334321551	+81 334321553		TTC	3GPPORG_REP - TTC	JP
116. Mr. Chang Wahn Yu	ychang@etri.re.kr	+82 42 860 5885	+82 42 861 5844		ETRI	3GPPMEMBER - TTA	KR
117. Mr. Donald E. Zelmer	don_zelmer@bscc.bls.com	+1 404 249 3689	+1 404 249 5157	+1 404 376 6785	Bellsouth Cellular	3GPPMEMBER - T1	US
118. Mr. Ning Zhan	zhan.ning@mail.zhongxing.com	+86 755 5739300	+86 755 5739300		Zhongxing Telecom Ltd.	3GPPMEMBER - CWTS	CN
119. Mrs. Huayan Zhang	etc.etcterry@memo.ericsson.se	+86 10 6463 2288	+86 10 6461 5405	+ 86139 1235194	ERICSSON L.M.	3GPPMEMBER - ETSI	SE
120. Mrs. Karin Zickermann	kzickermann@gbtwireless.com	+1 732 870 8088	+1 732 870 9008		Golden Bridge Technology Inc.	3GPPMEMBER - T1	US



## Annex B: List of documents

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

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Doc.No.	Title	Source	Ag.It.	Comments
RP-000233	CRs to TS 25.412	TSG-RAN WG3	5.3.3	
RP-000234	CRs to TS 25.413 (1)	TSG-RAN WG3	5.3.3	
RP-000235	CRs to TS 25.413 (2)	TSG-RAN WG3	5.3.3	
RP-000236	CRs to TS 25.413 (3)	TSG-RAN WG3	5.3.3	
RP-000237	CRs to TS 25.414	TSG-RAN WG3	5.3.3	
RP-000238	CRs to TS 25.415	TSG-RAN WG3	5.3.3	
RP-000239	CRs to TS 25.419	TSG-RAN WG3	5.3.3	
RP-000240	CRs to TS 25.422	TSG-RAN WG3	5.3.3	
RP-000241	CRs to TS 25.423 (1)	TSG-RAN WG3	5.3.3	
RP-000242	CRs to TS 25.423 (2)	TSG-RAN WG3	5.3.3	
RP-000243	CRs to TS 25.423 (3)	TSG-RAN WG3	5.3.3	
RP-000244	CRs to TS 25.423 (4)	TSG-RAN WG3	5.3.3	
RP-000245	CRs to TS 25.424	TSG-RAN WG3	5.3.3	
RP-000246	CRs to TS 25.425	TSG-RAN WG3	5.3.3	
RP-000247	CRs to TS 25.426	TSG-RAN WG3	5.3.3	
RP-000248	CRs to TS 25.427	TSG-RAN WG3	5.3.3	
RP-000249	CRs to TS 25.430	TSG-RAN WG3	5.3.3	
RP-000250	CRs to TS 25.433 (1)	TSG-RAN WG3	5.3.3	
RP-000251	CRs to TS 25.433 (2)	TSG-RAN WG3	5.3.3	
RP-000252	CRs to TS 25.433 (3)	TSG-RAN WG3	5.3.3	
RP-000253	CRs to TS 25.433 (4)	TSG-RAN WG3	5.3.3	
RP-000254	CRs to TS 25.435	TSG-RAN WG3	5.3.3	
RP-000255	Coversheet for TR 25.931	TSG-RAN WG3	5.3.3	
RP-000256	TR 25.931 version 2.0.0	TSG-RAN WG3	5.3.3	
RP-000257	Coversheet for TR 29.108	TSG-RAN WG3	5.3.3	
RP-000258	TR 29.108 version 2.0.0	TSG-RAN WG3	5.3.3	
RP-000259	Coversheet for TR 30.531	TSG-RAN WG3	5.3.3	
RP-000260	TR 30.531 version 0.8.0	TSG-RAN WG3	5.3.3	
RP-000261	Coversheet for TR 25.932	TSG-RAN WG3	5.3.3	
RP-000262	TR 25.932 version 1.0.0	TSG-RAN WG3	5.3.3	
RP-000263	Report from WG1 chairman to TSG-RAN	TSG-RAN WG1 Chairman	5.1.1	
RP-000264	CRs to TS 25.201	TSG-RAN WG1	5.1.3	
RP-000265	CRs to TS 25.211	TSG-RAN WG1	5.1.3	
RP-000266	CRs to TS 25.212	TSG-RAN WG1	5.1.3	
RP-000267	CRs to TS 25.213	TSG-RAN WG1	5.1.3	
RP-000268	CRs to TS 25.214 (1)	TSG-RAN WG1	5.1.3	
RP-000269	CRs to TS 25.214 (2)	TSG-RAN WG1	5.1.3	
RP-000270	CRs to TS 25.215	TSG-RAN WG1	5.1.3	
RP-000271	CRs to TS 25.221	TSG-RAN WG1	5.1.3	
RP-000272	CRs to TS 25.222	TSG-RAN WG1	5.1.3	
RP-000273	CRs to TS 25.223	TSG-RAN WG1	5.1.3	
RP-000274	CRs to TS 25.224	TSG-RAN WG1	5.1.3	
RP-000275	CRs to TS 25.225	TSG-RAN WG1	5.1.3	
RP-000276	CRs to TR 25.944	TSG-RAN WG1	5.1.3	
RP-000277	Cover sheet for TR 25.833	TSG-RAN WG1	5.1.3	
RP-000278	TR 25.833 version 1.1.0	TSG-RAN WG1	5.1.3	
RP-000279	Cover sheet for TR 25.928	TSG-RAN WG1	5.1.3	
RP-000280	TR 25.928 version 0.2.0	TSG-RAN WG1	5.1.3	
RP-000281	TS 21.100 Specification handling	ETSI MCC	9	
RP-000282	TS 21.200 Drafting rules	ETSI MCC	9	
RP-000283	Transfer of GSM specifications to 3GPP	ETSI MCC	9	

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Doc.No.	Title	Source	Ag.It.	Comments
RP-000284	TSG-RAN WG1 workplan	TSG-RAN WG1	6.6	
RP-000285	(R1-000765, copy TSG-RAN) LS on Proposed changes to 3GPP Release 2000 work plan	TSG-RAN WG1	4.2	
RP-000286	(R3-001649, copy TSG-RAN) Response to LS (S1) on Hexadecimal IMEI format	TSG-RAN WG3	4.2	
RP-000287	Supplement (list of agreed CRs) to Report from WG2 chairman to TSG-RAN	TSG-RAN WG2 Chairman	5.2.1	
RP-000288	Collection of approved WI sheets TSG-RAN #7	Secretary, Vice-Chairman	6	withdrawn
RP-000289	Collection of approved Study Item sheets TSG-RAN #7	Secretary, Vice-Chairman	6	withdrawn
RP-000290	Proposed ToRs for TSG-RAN WGs	TSG-RAN WG Chairmen	6.6	
RP-000291	Revised WI sheet for approved study item "USTS"	SK Telecom	6	
RP-000292	Proposed WI "Low Chip Rate TDD Physical Layer "	CWTS	6	
RP-000293	Proposed WI "Low chip rate TDD layer 2 and layer 3 protocol aspects"	CWTS	6	
RP-000294	Proposed WI "RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing"	CWTS	6	
RP-000295	Proposed WI "Smart antenna"	CWTS	6	
RP-000296	Proposed WI "Low Chip Rate TDD UE Capability"	CWTS	6	
RP-000297	Proposed WI "Low chip rate TDD UTRAN architecture aspects"	CWTS	6	
RP-000298	Proposed LS (to ITU-T) on Understanding of Q.2630.1	Japan Telecom	8	
RP-000299	CPCH in Release 2000	GBT	6.5	
RP-000300	(S5-000322, to TSG-RAN) LS on Service management - New R00 work item proposal under SA5's responsibility	TSG-SA WG5	4.1	
RP-000301	Proposed TR on "UTRA High Speed Downlink Packet Access"	TSG-RAN WG2	6.2	
RP-000302	Understanding of Japan on Handling of Measurement Uncertainty	ARIB	4.3	
RP-000303	Proposed response to LS (ITU-R WP8F) on The updating of RSPC	ITU-R Ad Hoc contact person	4.2	
RP-000304	Typical radio parameter sets version 1.3	GSMA-ISG	4.3	
RP-000305	Release 2000 Scope and Timescales	BT	6	
RP-000306	Proposed WI "Radio Link Performance Enhancements"	TIM/CSELT	6.1	
RP-000307	(R4-000541, to TSG-RAN) LS on Derivation of UE and BTS performance requirements	TSG-RAN WG4	4.2	
RP-000308	(R4-000537, to TSG-RAN) Response to LS (R1-000798) on Neighbour Cell SFN Detection for Handover	TSG-RAN WG4	4.2	
RP-000309	Status of some of CPCH related features in WGs	Samsung	5	
RP-000308	Revised WI sheet "RRM optimizations for lur and lub"	Ericsson	6.3	
RP-000311	Proposed WI "Low Chip Rate TDD Physical Layer "	CWTS	6	
RP-000312	Proposed WI "Low chip rate TDD layer 2 and layer 3 protocol aspects"	CWTS	6	
RP-000313	Proposed WI "RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing"	CWTS	6	
RP-000314	Proposed WI "Smart antenna"	CWTS	6	
RP-000315	Proposed WI "Low Chip Rate TDD UE Capability"	CWTS	6	
RP-000316	Proposed WI "Low chip rate TDD UTRAN architecture aspects"	CWTS	6	
RP-000317	Proposed CR 053r1 to 25.302 on Measurement of RACH and CPCH	Samsung	5.2.4	
RP-000318	Cover sheet for TR 25.931	TSG-RAN WG3	5.3.3	
RP-000319	Cover sheet for TR 29.108	TSG-RAN WG3	5.3.3	
RP-000320	Cover sheet for TR 25.932	TSG-RAN WG3	5.3.3	
RP-000321	3GPP Project Plan for R00 v.1.2	TSG-SA WG2	6	
RP-000322	TS 21.200 Drafting rules	ETSI MCC	9	
RP-000323	Proposal for controlling changes to Release 99	TSG-RAN Vice-Chairman	5	
RP-000324	Proposed response (to ITU-R WP8F) to LS (ITU-R WP8F) on The updating of RSPC	ITU-R Ad Hoc contact person	4.2	

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<b>Doc.No.</b>	<b>Title</b>	<b>Source</b>	<b>Ag.It.</b>	<b>Comments</b>
RP-000325	Proposed LS (to ITU-R WP8F) on Addition of test specifications in ITU IMT.RSCP (ITU M.1457)	TSG-RAN	8	
RP-000326	Proposed LS (to ITU-R WP8F) on Addition of test specifications	TSG-RAN	8	RP-000326
RP-000327	Proposed LS (to TSG-SA, TSG-SA WG1, TSG GERAN/ETSI SMG2) on interworking of low chiprate TDD with GSM, high chiprate TDD and FDD	T-Mobil	8	
RP-000328	Role of rapporteur	TSG-RAN (WG) Chairmen and Secretaries	6	

## Annex C: Status table of CRs <to be inserted>

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## Annex D: Release '99 acceptable changes

This was originally presented as RP-000323. This is a revised version, which was agreed by TSG-RAN and which shall be enforced in all WGs.

This proposal aims at putting the formal freezing of R99 specifications into practice in the TSG RAN working groups. When discussing CRs on functionally frozen R99 work items all working groups should apply the following rules depending on the CR category:

### F Correction:

Can be done

- (1) To correct an error in the specification, or
- (2) To add a part of an agreed R99 functionality found to be missing in one specification, or
- (3) To correct an approved CR that has not been incorporated correctly.
- (4) Corrections can lead to functional modification but this is considered as Cat F.

On the cover sheet of the CR, it is required that the consequences of not approving the CR shall be explained.

As a consequence of the functional freezing of Release 99 no other categories are allowed on this release.

### A Corresponds to a correction in an earlier release:

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

### B Addition of feature

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

### C Functional modification of feature

Can not be done to R99 (or older)

Any functional modification shall correspond to a work item identified as part of either UTRAN improvement or Radio Access improvement. However backward compatibility shall be ensured when the issue is impacting MS.

## D Editorial modification

Can be done

Editorial modification must not have any impact on the implementation.

## Conclusion

**This proposal shall be enforced in all working group meetings after TSG RAN #8.**

Additionally, on all CRs related to a specific new feature the impact on other specification part has to be clearly identified and there shall be presented all together at the plenary so that consistent approval can happen.

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

This was an updated version of the various presentations on procedures in the meeting. This is a revised version, which was agreed by TSG-RAN and which shall be enforced in all WGs.

**COMMENTS POSSIBLE (VIA THE TSG-RAN E-MAIL REFLECTOR) UNTIL 12:00 NOON FRENCH TIME FRIDAY 30 JUNE.**

### Work Item description sheet principles:

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

### Technical Reports per Work Items principles

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

### Finalisation of Work Items

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

## Annex F: Role of rapporteur

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

### F.1 Role of rapporteur for Specification

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

### F.2. Role of rapporteur for Work Item

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



## Annex G: Meeting schedule

### TSG-RAN

Meeting	Date	Host	Location
RAN#9	20 - 22 September 2000	ARIB, T1P1	Oahu, HI, USA
RAN#10	06 - 08 December 2000	Unisys	Bangkok, Thailand
RAN#11	14 - 16 March 2001	tbd	probably US
RAN#12	13 - 15 June 2001	tbd	probably Europe
RAN#13	26 - 28 September 2001	hosts invited	tbd
RAN#14	13 - 14 December 2001	hosts invited	tbd

### TSG-RAN WG1

Meeting	Date	Host	Location
#14	04 - 07 July 2000	Nokia	Oulu, Finland
#15	22 - 25 August 2000	Siemens	Berlin, Germany
#16	09 - 13 October 2000	TTA	Korea
#17	20 - 24 November 2000	Ericsson	Sweden

### TSG-RAN WG2

Meeting	Date	Host	Location
#14	03 - 07 July 2000	Nortel	Paris, France
#15	21 - 25 August 2000	ETSI	Sophia Antipolis, France
#16	09 - 13 October 2000	CWTS, Ericsson	Beijing, China
#17	13 - 17 November 2000	ETSI	Sophia Antipolis, France

### TSG-RAN WG3

Meeting	Date	Host	Location
#14	03 - 07 July 2000	Nokia	Finland
#15	21 - 25 August 2000	Siemens	Berlin, Germany
#16	16 - 20 October 2000	Nortel, BT, Vodafone, Motorola	United Kingdom
#17	20 - 24 November 2000	Motorola	Chicago, IL, USA

### TSG-RAN WG4

Meeting	Date	Host	Location
Ad Hoc	23 - 24 August 2000	Vodafone/Motorola	London, United Kingdom
#13	04 - 08 September 2000	Omnitel	Turin, Italy
#14	13 - 17 November 2000	ETSI	Sophia Antipolis, France