

Agenda Item: -
Source: Secretary
Title: Revised minutes of WG1 #11 meeting
Document for: Approval

Revised Minutes for 3GPP RAN-TSG 11th WG1 Meeting

Meeting start: February 29th, 2000, in San Diego, U.S.A.

Day 1, started at 9.00

1. Opening of the meeting

The chairman, Mr. Antti Toskala(Nokia), opened the meeting.

Host (Mr. Don Zelmer, TSG RAN Co-Vice Chairman) welcomed the meeting.

2. Approval of agenda (R1-00-0298, rev. of R1-00-0201)

Chairman made a brief introduction of the revised agenda on the screen.

One comment was made by Mr.Fredrik Ovesjö(Ericsson) that we should treat those items which would require some discussions or liaisons to other groups, instead of treating the editorial CRs taking into account that other WGs was having parallel meetings and that we were one day behind.

Chairman agreed to postpone the approval of the editorial CRs(Agenda Item 6) to Friday (Day 4).

Agenda was approved as amended.

3. Approval of the minutes from previous meeting - Minutes from TSG RAN WG1#10

R1-00-0202 *“Revised minutes for TSG RAN WG1 #10 Meeting”*

Minutes were approved with no comments.

4. Identification of the incoming liaison statements and actions in the answering

	Title	Source	To/ Cc	Tdoc No.	Forwarded To	Notes
1	Response to LS on location and control of speech codec	N2	CC	R1-00-0195	Plenary	Noted
2	Request for Information about Service Mapping	R3	TO	R1-00-0196	Plenary	(*1)
3	Periodicity of compressed mode pattern	R3	TO	R1-00-0197	Plenary	Noted (*2)
4	Answer to Liaison Statement on Out-of-Synch and DTX	R3	TO	R1-00-0198	AH18	
5	Response to LS (R1-000192) on CPCH model (Clarifications of the Revised RAN2 CPCH Model)	R2	TO	R1-00-0199	AH14	
6	Approved Report of the TSG-RAN Ad Hoc meeting on RRM	RAN RRM	TO	R1-00-0252	Agenda Item 6	See 5.
7	Liaison statement on SoLSA support on UTRAN	SA2	TO	R1-00-0268	Plenary	Noted
8	LS: Inner loop power control requirements in uplink	T1 RF SWG	CC	R1-00-0294	Plenary	Noted
9	LS: Requirements for downlink compressed mode in TS25.101	T1 RF SWG	CC	R1-00-0295	Plenary	Noted
10	Clarification of UE behaviour on CRC error detection when UE operating in RLC transparent or unacknowledged mode	T1	TO	R1-00-0329	Plenary	Ericsson will draft an answer
11	LS to WG1 on the definition of a RL Set	R3 Iur/Iub SWG	TO	R1-00-0363	AH 18	(*3)
12	Concerning proposed changes to RAN2 CPCH model and use of CSICH	R2	TO	R1-00-0386	Plenary	(*4)
13	Response (to TSG-RAN WG1) to LS (R1-000400) on CPCH channel assignment and emergency stop procedure	R2	TO	R1-00-0459	Plenary	(*5)

(*1) Chairman suggested that this should be handled in connection with UE capability discussion and then LS should be produced. Chairman will draft an answer.

(*2) We do not specify the patterns anymore here and so the suggested pattern will not have direct impact on our specifications. This is more for RAN WG2 and RAN WG4.

(*3) This LS was sent to RAN WG1 in Day 2. This was treated in Ad Hoc 18. The original T-doc number is **R3-000839**.

(*4) This LS was sent to RAN WG1 in Day 2. See. **10.7**

(*5) This LS was introduced by the chairman in Day3 (See. **13.5**) The original T-doc number is **R2-000637**.

5. Action points from TSG RRM Ad Hoc to RAN WG1 (R1-00-0299) (10:05-10:30)

Chairman presented the summary (Action points) of this meeting on the screen. Detailed report of this meeting can be found in **R1-00-0252** or **RPA000064**.

Meeting was held during 9-11 February 2000 in Torino, Italy.

The purposes of the meeting were as follows.

- 1) To finalise and ensure overall consistency of the RAN specifications release 99 for items which were across several RAN working groups.
- 2) To progress/finalise open issues on GSM-UMTS items with RAN and SMG2 delegates
- 3) To progress all items necessary for the completion of 25.133 and 25.123 "requirements for support of RRM" i.e. provide all the necessary information so that RAN WG4 complete these documents in accordance with 25.331, 25.302 and 25.304.

The action points for RAN WG1 are as follows.

- For measurements: General

- 1) Each RAN WG is to indicate what is NOT in Release 99 based on the RAN/SA definition of Release 99 in December 1999
- 2) There is twice the same description of compressed mode (RAN WG1 and RAN WG2). RAN WG1 and RAN WG2 are to agree which group will remove the description; subsequently the relevant group is to remove it.
→ Currently, not only the compressed mode parameters but also the definition of the measurements are overlapping in 25.215 and 25.302. There might be several definitions in both RAN WG1 and RAN WG2 specs. This can be handled in the next RAN.

- Measurements UTRAN Round Trip Time

- 3) Each RAN WG is to flag 'Time of Arrival' as FFS because it was not for Release 99.
- 4) RAN WG1 is to add the support for the measurement on RACH. → We will come back to this later.

- UE P-CCPCH and RSCP measurement

The RSCP definition should be moved to SIR, RSCP is not reported in FDD anymore. The proposals were agreed with this change.

- 5) Each RAN WG is tasked to apply this. → CR is necessary for RAN WG1 specs as well. *P-CCPCH measurement is for TDD only, and needs to be clarified in the specs.*

- UTRAN RSSI Measurement

- 6) Each RAN WG is to apply the proposals and adapt to their specs (proposed in RPA000040)

- Power Control - FDD downlink

BLER is decided to be outer loop QoS criteria. (UE-specific implementation). Physical channel BER is not used of outer loop.

It is suggested to RAN WG1 to move the algorithm for inner loop power control to an informative annex, to be used by RAN WG4 for its assumptions (this is a consequence of the other actions).

- 7) There had been a comment from RAN WG4 chairman that the problem was that SIR measurement accuracy cannot be defined very easily. It is pretty much implementation matters. Therefore it was decided that inner loop plus outer loop, as far as downlink power control is concerned, would be only a reference implementation and then every UE manufacturers are free to implement power control the way they want. But the reference performance, the minimum performance requirements will be a set using this reference implementation. (Ms. Sarah Boumendil(Nortel) reported.)
- 7) RAN WG1 is asked to study this issue and take action.

Nortel had prepared draft CR for this modification. → Chairman welcomed this draft CR. This CR would be review in Day3 or Day4 in the plenary and then the WG1 decision would be made. (See. **No.118**)

- Decision (on out-of-synch for dedicated channels)

NBAP will be used both for reporting out-of-synch and in-synch detection.

- 8) RAN WG1 is to determine the criteria for the downlink case.
- 9) RAN WG1 is to determine the reference algorithm for out-of-synch and in-synch detection in the Node B(uplink).
For TDD it was accepted that a use of periodic in-sync reporting is FFS.
→ There were some CRs which have been produced for this issue. (would be discussed in Ad Hoc18.)

- Action Points: Handover GSM-UMTS

Decision (on handover): / Synchronisation:

- 10) RAN WG1 is to study if it is possible to attain full synchronisation between GSM and UMTS within the required time limits (5 ms according to the VodafoneAirtouch paper RPA000036), and if so, how long it takes (how many measurements are needed), how often it needs to be reconfirmed, whether that needs to be done in consecutive frames or if that could be spaced in time etc., all this taking into account the minimisation of the use of GSM idle frames as target; and provide the results to SMG2.
- 11) SMG2 to make it work with the information from RAN WG1. Companies to provide RAN WG1 experts to the SMG2 Ad Hoc on Handover (6-8 March) for this purpose
→ There were some simulation results in RAN WG1 relating these questions. (Texas Instruments, Mitsubishi,..) We can send LS to SMG with those simulation results as references.
(Regarding the impact in compressed mode and not having full 10ms.)
→ To provide the single value answer for "How often it needs to be reconfirmed." is very difficult for us because it is strongly dependent on the radio environment.
Ms. Sarah Boumendil (Nortel) was asked to draft the LS to SMG2 by the chairman. (See. **18 No.15**)

Ms. Evelyne Le Strat (Nortel) made a comment.

We had in the past quite a lot of discussions with the compressed mode parameters or compressed mode patterns in general. There are a number of action points for RAN4 regarding the compressed mode patterns. Now it is agreed that the UE shall fulfil some minimum performance requirements in terms of measurements (single measurements / parallel measurements), this will have to be defined for a set of compressed mode patterns and possibly combination of compressed mode patterns. It is an action for RAN4 to define such compressed mode patterns and to define accordingly the minimum performance requirements. So we have to be aware that although we have a lot of flexibility on the compressed mode patterns definition and compressed mode patterns combinations, the minimum performance requirements will be set only for a subset of the allowed compressed mode patterns and combinations. That is for release '99. For release 2000, there might be other additional patterns or maybe more generic way to define the minimum performance requirements. I am indicating that to you because I know we will see CRs on 25.215 on compressed mode patterns as well. This might be a topic for the joint session we are going to have with RAN4 because I am aware that in RAN4 there are a number of compressed mode patterns suggested. So although this is not anymore for our own specifications, RAN1 may have some view on this because we had quite a lot of subjects in the past.

6. Change Request for WG1 specifications on issues that have been agreed in previous meeting but (proper) CR has not been produced. Other items on which agreement has been reached over reflector and which were indicated separately on the reflector to be treated in Day 1.

No.	CR	rev.	TS	Tdoc	Title	Cat	Source	Conclusion	Notes
1	029	1	25.212	R1-00-0241	Limitations of blind transport format detection	F	Ericsson	Approved	(*1) 11:45
2	050	2	25.214	R1-00-0314	Corrections to uplink power control	F	Philips	Approved	No (*2) Comments 11:58
3	036	-	25.212	R1-00-0264	Reconfiguration of TFCS	F	Philips	Approved	(*3) 12:10
4	057	-	25.214	R1-00-0267	Clarification of TPC command combining for Algorithm 2	C	Philips	Approved	No Comments 12:14
5	056	1	25.214	R1-00-0266	Clarification of TPC command combining for Algorithm 1	C	Philips	Approved	(*4) 12:24
6	043	1	25.214	R1-00-0233	Optimum ID Codes for SSTD Power Control	F	LGIC	Approved	No (*5) Comments 12:27
7	023	1	25.213	R1-00-0245	Number of RACH scrambling codes	C	Ericsson	Approved	No (*6) Comments 14:09
8	065	-	25.214	R1-00-0247	PRACH power offset definition	F	Ericsson	To be revised	(*7) 14:14
9	029	1	25.211	R1-00-0216	Modifications to STTD text	D	Texas Instruments	Approved	No Comments 14:21
10	014	-	25.221	R1-00-0220	Removal of Synchronisation Case 3 in TDD	F	Siemens	Approved Superseded	No (*8) Comments
11	005	-	25.223	R1-00-0220	Removal of Synchronisation Case 3 in TDD	F	Siemens	Approved	(LS for this is in R1-00-0221) 14:27
12	011	-	25.224	R1-00-0220	Removal of Synchronisation Case 3 in TDD	F	Siemens	Approved	
13	028	1	25.211	R1-00-0239	Timing of PDSCH	C	Ericsson	Approved	No (*9) Comments 14:32
14	068	-	25.214	R1-00-0260	Definition for maximum and minimum DL power	B	Nokia	Approved	(*10) 14:42
15	038	1	25.212	R1-00-0013	Definition clarification for TS 25.212	D	Nokia	To be revised	(*11) 15:23
16	037	1	25.212	R1-00-0249	Removal of fixed gap position in 25.212	C	Nokia	Approved	No comments 15:30
17	033	1	25.215	R1-00-0249	Removal of fixed gap position in 25.215	C	Nokia	Approved	
18	036	3	25.215	R1-00-0186	Corrections to 25.215 compressed mode parameter list	F	Nokia	To be revised	(*12)
19	036	4	25.215	R1-00-0342	Corrections to 25.215 compressed mode parameter list	F	Nokia	Approved	(*12) 15:37

(*1) Some discussions were made regarding the guiding transport channel.

Q. Why is not the guiding transport channel signalled ?

A. That means an additional signalling but if you look on transport format combination set, then it is possible for the UE to find out this guiding transport channels. Simply by checking different transport formats, TTI, etc. It is not such big effort to find it.

Q. It is possible for the mobile station to find out which would be the proper guiding channel, but in the case there are 2 guiding channels, we know the performance heavily depends on the characteristics of the guiding channel. There could be the case where the performance depends crucially on which guiding channel to select. There can be cases where mobile stations may select the wrong guiding channel, not the guiding channel that operator intended to be used.

A. In that case, UE is free to use maybe 2 possible guiding transport guiding channels. (Not mandatory)

(Comment) If it were found to be desirable to be able to signal to the UE to use the particular channel as a guiding channel, then that might be added as additional feature for release 2000 if it sounds necessary without requiring any big change in layer 1 specifications.

Mr. Vincent Belaiche (Mitsubishi) made a comment we should liaise with RAN WG2 that RAN WG1 thinks TFC number of 64 is reasonable from the layer 1 point of view because RAN WG2 thinks 64 may not be enough and 128 could be more flexible.

(*2) R1-00-0051: CR25.214-049, which was approved in the RAN WG1 #10 meeting, is incorporated in this CR. **R1-00-0051 should not be submitted to RAN.**

(*3) Mr. Fredrik Ovesjö (Ericsson) made a comment that what will be the actual simplification is not clear. Ms. Evelyne Le Strat (Nortel) added to Fredrik's comment that this could be an editorial modification. Mr. Tim Mouldsley (Philips) answered that this CR could be seen as just an editorial change, but it was not previously specified that there was a restriction on removal of transport channel. The discussion whether we should include 80ms or not should be a separate issue.

Chairman proposed that we should approve the CR now and if we need simplification then we could come back later as a separate issue.

(*4) Mr. Fredrik Ovesjö (Ericsson) made question that whether Nokia's algorithm would fulfil this criteria.

Nokia answered that there was no Nokia's particular algorithm approved but probably it fulfils this.

Mr. Fredrik Ovesjö questioned how this is related to RAN WG4 specs. Is there going to be a test for this algorithm ?

Mr. Tim Mouldsley (Philips) answered that there is no test in RAN WG4. What we are trying to do here is to specify the behavior of the terminal from RAN WG1 point of view. Then as a next step there might be some requirements in RAN WG4 or T WG1 based on this.

This CR makes the editorial changes to the CR agreed in CR25214-044 (R1-00-0016) .

(*5) The CR proposed to correct the ID codes for SSTD power control because the current ID codes are not optimised. (There had been e-mail discussions on this issue.)

(*6) There is an inconsistency between the WG1 and WG2 specifications on the number of PRACH preamble scrambling codes. It is proposed that 16 different PRACH preamble codes are defined per downlink primary scrambling code, as a reasonable trade-off between signalling overhead and future-proofness. Further, the connection between RACH preamble scrambling codes and RACH message part scrambling codes is clarified. Ericsson has RAN WG2 CR as well to take care of the alignments.

(*7) Ms. Evelyne Le Strat (Nortel) made a comment that the offset between control part and message part is dependent on the transport format and we should make it sure that we do have in 25.331 the explanation of the **b** values for the different transport format. → Chairman asked Ericsson to check this.

This CR should be revised because in Section 6, point No. 9 should be modified as well so that the transmission power of the data part should be in line with section 5.1.1.2. → Revision will be in **R1-00-0344**.

(*8) CR 25.221-014 was superseded by **R1-00-0376** CR 25.221-014r1 in Day 4 (See **No.108**)

(*9) In R1-00-0100, CR 25.211-028, it was proposed to change the timing of the PDSCH to start earliest 15 slots after the start of the associated DPCH frame in the RAN WG1 #10 meeting. This revision reflected the discussion having been made on the e-mail reflector to move the timing to start earliest 18 slots after the start of the DPCH frame and to leave more time for processing of the TFCI.

(*10) There was one comment made by Nortel that though this is RAN WG1 issue, currently this CR is not in line with RAN WG3 specs. (We should have different minimum-maximum value for the different CCTrCH but this is not allowed in current RAN WG3 specs.)

Nokia and Nortel prepared CRs separately for the RAN WG3 specs with regard to this issue. Ms. Evelyne Le Strat (Nortel) proposed that we should send liaison to RAN WG3 just to make it sure that they have a look at those CRs and approve them. Nortel would make a draft liaison for this issue. (See **10.2**)

(*11) Mr. Vincent Belaiche (Mitsubishi) and Ms. Evelyne Le Strat (Nortel) made comments that the definition of TGL should be revised. Chairman suggested offline discussion. Revision will be contained in **R1-00-0347**.

(*12) **R1-00-0186** had been revised by the author before the presentation. The revision was contained in R1-00-0342 but it was not available at the time of presentation. Mr. Ville Steudle (Nokia) presented **R1-00-0342** on the screen. There is a similar input in RAN WG2 this week. (Mr. Fredrik Ovesjö (Ericsson) asked.)

6.1 CRs which do not fit with the Ad Hoc.

No.	CR	rev.	TS	Tdoc	Title	Cat	Source	Conclusion	Notes
20	057	-	25.212	R1-00-0292	Addition of padding function for smaller Turbo coding block	B	NTT DoCoMo	Postponed	(*1) 15:06
21	028	-	25.222	R1-00-0292	Addition of padding function for smaller Turbo coding block	B		NEC	
22	052	-	25.212	R1-00-0255	Padding Function for Turbo coding of small blocks	B	Siemens	Postponed	(*1) 15:12
23	026	-	25.222	R1-00-0255	Padding Function for Turbo coding of small blocks	B		Postponed	
24	055	-	25.214	R1-00-0089	Correction of Adjustment loop description	F	NEC	Approved	No Comment 17:37
25	047	-	25.212	R1-00-0235	TFCI coding for FDD	F	LGIC	To be revised	(*2) 18:03
26	025	2	25.212	R1-00-0278	CR for parity bit attachment to 0 bit transport block	B	NTT DoCoMo	Approved	(*3) 18:18

(*1) These CRs proposed an addition of padding function for Turbo coding block with smaller sizes of less than 40-bit. This addition was agreed in RAN WG1 #10 meeting, followed by the agreement on the extension of Turbo code internal interleaver. The proposed padding function is to put in the bit filler function of the current code block segmentation and is commonly added to both TS25.212 and TS25.222.

Mr. Vincent Belaiche (Mitsubishi) made a comment that we need time to check the impact of inserting the padding bits from the hardware design point of view. He proposed this to be a working assumption.

Chairman commented that if there is no complexity impact then from performance point of view, it seems to make sense to pad in the beginning according to the simulation results. Chairman suggested to take it as working assumption to have the padding in the beginning and will come back to this issue on Thursday so that the interested party could have the time to check whether there are problems or not.

Siemens proposal included the change of the code block segmentation function for convolutional coding as well though it could be separated.

Mr. Fredrik Ovesjö opposed to take this as working assumption. He said we should just leave this matter so that everyone could have time to check until we got back to this.

(*2) There were some comments made.

Mr. Fredrik Ovesjö (Ericsson) stated that changing the order of basis function to get the gain is a good idea but he could not see the benefit of having the special case for 1 bit TFCI case.

Samsung made a comment that in fading environment, the performance improvement can not be guaranteed.

LGIC agreed with the Fredrik's comment. Chairman suggested to revise this CR so as to remove the special case.

The revision of this CR will be in **R1-00-0346**.

(*3) This proposal is for DTX and it will be applied to any coding scheme.

Normally CRC bit is 16 or 12 bits, therefore padding will be done up to 40 bits block size for the turbo coding case.

Mr. Vincent Belaiche (Mitsubishi) made a comment that the description of the CR could be modified.

(This was answered by Mr. Takehiro Nakamura (NTT DoCoMo).)

7. UE Capability issues

Before the discussion, chairman asked if people have the problem if all terminals are assumed to support smaller turbo interleaver sizes or not. There is no comment made and it was approved that if turbo coding is supported then the smaller turbo interleaver sizes are supported.

R1-00-0326 Proposed updates to TR 25.926 source : Ericsson (16:25-17:35)

Mr. Erik Dahlman (Ericsson) presented this on the screen.

Big discussion was made.

- 4.5.3 Maximum number of DPCH/PDSCH means the maximum number of DPCH or PDSCH

- The combination tables for turbo coding and convolutional coding would be very difficult to be agreed because they are heavily dependant on the implementation details and it is difficult to be tested in RAN WG4 or T WG1 whatsoever. Though it is possible to propose some theoretical bound for the combinations, it would be difficult to get whole agreement.

- The reason why S-CCPCH was not included in the "Maximum number of DPCH/PDSCH to be simultaneously received (4.5.3)" is due to the result of taking into account of the proposal from Motorola which had been on the reflector.

- Some other questions for clarification and comments were made.

This document was revised to **R1-00-0349** and reviewed one hour later. The revision was approved with a couple of editorial corrections at 18:32 on Day 1 and was sent to RAN WG2 as a liaison statement.

Day 2

8. Ad Hoc sessions: Morning 09:00 - 12:30

AH01 (TDD) : Release –99 issues & contributions for TR 25.928
AH14 : Remaining packet data issues: CPCH and others

9. Ad Hoc sessions: Afternoon 14:00 - 17:30

AH04 + AH08 : Compressed mode
AH18 : Out-of-synch handling

10. Plenary Session (end of the afternoon) Approval of urgent liaisons to other WGs

/*** Part 1 (Started at 19:40) ***/

10.1 R1-00-0373 Draft liaison on radio link synchronisation / Source : Ericsson and Nokia

This is the outcome of the Ad Hoc 18.

LS was approved with no comments. Approved version of this LS is in **R1-00-0388**.

In relation with this LS, the attached CRs (R1-00-0372, R1-00-0365) were reviewed.

No.	CR	rev.	TS	Tdoc	Title	Cat	Source	Conclusion	Notes
27	066	1	25.214	R1-00-0372	Radio link synchronisation in UTRA/FDD	C	Ericsson Nokia	Approved	No Comment 19:53
28	014	1	25.224	R1-00-0365	Out-of-synch handling for UTRA TDD	B	Nokia Ericsson	To be revised	No (*1) Comment 19:56

(*1) All the changes are exactly same as what was done on the FDD one.

One comment to be reflected had been made before presentation. Therefore this was to be revised.

10.2 R1-00-0354 Draft LS on Minimum and Maximum DL power / Source : Nortel Networks

This LS was related to **R1-00-0260** CR 25.214-068. (See No.14)

Approved with one question at 20:01. Approved version of this LS is **R1-00-0390**.

/*** Part 2 ***/

(Following discussions started at 22:16 after the joint session.)

10.3 R1-00-0370 LS on changes in compressed mode parameters (Draft) / Source : Nokia

This LS intends to inform RAN WG2, WG3 and WG4 that the section 6.1.1.2 of TS 25.215, which contains the description of the compressed mode parameters, was decided to be clarified and rewritten in large parts in this meeting. CR 25.215-036r4 which is contained in **R1-00-0342** was attached.

This LS was approved with no comments at 22:23 on Day2. Approved version is in **R1-00-0371**.

10.4 R1-00-0395 Liaison on changes to Tx diversity usage in DL / Source : Nokia

In advance of the explanation of this LS, CR 25211-039 which was to be attached to this LS was discussed.

No.	CR	rev.	TS	Tdoc	Title	Cat	Source	Conclusion	Notes
29	039	-	25.211	R1-00-0296	Further restrictions on the application of the Tx diversity modes in DL	C	Nokia	Approved	No Comment 22:26

(*) This CR proposed to add the restriction to the application of Tx diversity on different downlink physical channel that is, if Tx diversity is applied on any of the downlink physical channels, it shall also be applied on P-CCPCH and SCH.

After approval of this CR, Mr. Kari Pehkonen (Nokia) explained the draft LS “Liaison on changes to Tx diversity usage in DL” on the screen. This LS intended to inform WG2, WG3 and WG4 of the change done by the CR. Draft LS was not available. There was one question regarding the number of antennas but it was answered by the chairman. This LS was approved with no comment at 22:31. Approved version is in **R1-00-0395**.

10.5 R1-00-0146 Draft LS on SFN synchronisation for TDD / Source : Siemens AG

This LS intended to inform RAN WG3 that RAN WG3 assumptions about SFN synchronisation for the TDD mode (TS25.402 v3.0.0) are not in line with the assumptions in RAN WG1 and to inform RAN WG3 that from RAN WG1 point of view it is beneficial to synchronize the SFN within one TDD system.

This LS was approved with no comment at 22:35. Approved version is in **R1-00-0396**.

(This had been agreed in Ad Hoc 01.)

10.6 R1-00-0391 Liaison statement on UTRAN BER measurement / Source : Nokia

(R1-00-0391 was not available at the time of presentation.)

In advance of the explanation of this LS, following 2 CRs were discussed.

This LS intended to inform WG4 the change done by the CRs regarding UTRAN BER measurement. After discussion of CRs, it was concluded that these 2 CRs were to be merged into one CR, but the chairman suggested in sending LS, there would be no problem to send just CR 25.215-037 because the latter CR only changes the range and mapping (6bits → 8bits) and it would not affect the contents of LS itself.

It was commented that this LS should be sent to RAN WG2 as well.

There was one comment made by Mr. Fredrik Ovesjö (Ericsson) and the approval of this LS was postponed at 23:15.

Revised LS was presented by Mr. Fredrik Ovesjö and approved with no comment at 23:48. Approved version is in **R1-00-0401**. This was sent to RAN WG2, WG3 and WG4. This contained **CR 25.215-037**.

No.	CR	rev.	TS	Tdoc	Title	Cat	Source	Conclusion	Notes
30	037	-	25.215	R1-00-0215	Definition of physical channel BER	F	Nokia	Agreed in principle	(*1) 22:48
31	046	-	25.215	R1-00-0274	Change proposals for range and mapping of physical channel BER	C	NTT DoCoMo	Approved	(*2) 23:02

(*1) Some questions for clarification were made. They were all answered.

NTT DoCoMo made a comment that they agreed the measurements and definition, but they have another contribution on the range/mapping of physical channel BER.

(*2) This CR proposed new range/mapping of physical channel BER(6bits→8bits) on the basis that the current mapping of physical channel BER specified in 25.215 is too wide and the step size of the mapping is too big to achieve good performance of outer loop TPC.

Mr. Takehiro Nakamura (NTT DoCoMo) stated that they are in line with CR25.215-037, but the range and mapping should be replaced by the value included in their proposal and that this proposed range should be applied to both physical channel BER and transport channel BER.

Chairman proposed to merge CR25.215-037 and CR25.215-046 into one CR.

Something similar with this in TDD could be considered.

10.7 R1-00-0366 Draft Liaisons Statement on CPCH channel assignment and emergency stop procedure / Source : Nokia

In advance of the explanation of this LS, chairman introduced incoming liaison statement from RAN WG2 R1-00-0386 (R2-000583) “Concerning proposed changes to RAN2 CPCH model and use of CSICH” Some discussion was made and after that this LS was approved with some modifications to the answer part of the liaison. (23:45)

Approved version is in **R1-00-0400**.

11. Joint Ad Hoc with WG1 & WG4 on specification alignment (20:05-22:10)

Several issues were discussed.

1. It was confirmed that as for the Out-of-Sync issue, WG1 and WG4 is in line.
DPCCH quality, in general, is the criteria, then the CRC is other criteria.
 2. As for the measurement, RAN WG4 is to remove BER for the UE (after discussion of BER v.s. BLER)
 3. As for the parallel measurements (how we are going to specify parallel measurements and scenarios), WG4 had got some inputs but they have not covered them yet. They will discuss them on Day3. They have not reached conclusion on the issue of basic measurement period at the moment, either.
 - One of the major issue RAN WG4 is fighting all the time is that RAN WG1 tends to specify everything. We cannot simulate everything. We have to reduce the number, area, that we can do simulation work. Simulation work takes awful amount of time.
 4. How to handle the inconsistency problem in the specification within WGs and across WGs was discussed.
 - As for the WG4 issue, they prioritize technical issues. Editorial issues would be treated later.
 - RAN plenary meeting should be the place to discuss the inconsistency problem across WGs.
 - Liaison statement ?
 5. Signalling ranges will be removed from WG1 to WG4 after RAN #7.
 6. Compressed Mode
 - Uplink compressed mode issue should be clarified in RAN WG4
(Comment) : If you want to do measurement on GSM 900 cells then you should not use uplink compressed mode.
- R4 chairman : So far I have not seen any papers in R4 which are suggesting anything different from this.

WG2 needs to be informed that use of uplink compressed mode for GSM 900 measurement is UE capability (also should be mentioned in 25.215).

11.1 R1-00-0324 CR 25.215-044: Correction to UE/UTRAN GPS timing of cell frames for LCS

This CR proposes to change the resolution range to the CR 25.215-010r2 (**R1-00/09**). (1µs → 0.25chips)
 → From RAN WG4 perspective, technical discussion in this area, that is, the accuracy issue should take place in release 2000 whereas the signalling capability and signalling granularity is in the release '99.
 There are 2 independent issue. (Decision of SA ?)
 R4 will not define the accuracy issue. RAN WG4 will not conclude at least during this week.

Whatever RAN WG1 does with this, the ranges, the actual accuracy requirement in R4 will be available in release 2000.

11.2 R1-00-0387 Discussion on Location Services parameters in UE Capability
 Liaison should be sent to RAN WG2.

Day 3

12. Ad Hoc sessions: Morning 8.30 –12.30

AH01 : TDD Part 2
 AH14 : Packet Access Part 2

Day 3, Plenary started at 14:10

13. Reports from Ad Hoc from Day 2&3

13.1 Report from AD HOC 18 on Out of synch issues (R1-00-0383) (14:10-14:13)

Mr. Antti Toskala (Nokia, Chairman of Ad Hoc 18) presented report on the screen.
 Report was approved with no comment.

Ad Hoc 18 related CRs

No.	CR	rev.	TS	Tdoc	Title	Cat	Source	Conclusion	Notes
32	041	-	25.211	R1-00-0315	Clarification of DCH initialisation	C	Philips	Approved	No Comment 14:20
33	014	2	25.224	R1-00-0389	Out-of-sync handling for UTRA TDD	B	Nokia Ericsson	Approved	No (*1) Comment 14:23
(27)	066	1	25.214	R1-00-0372	Radio link synchronisation in UTRA/FDD	C	Ericsson Nokia	Approved	Day2

(*1) Only one paragraph (third paragraph in section 4.6) had been changed to the R1-00-0365 which was discussed in Day2 evening session. (See. No. 28)

Mr. Fredrik Ovesjö (Ericsson) made a statement regarding the liaison statement WG1 sent to WG3 in Day2. (See **10.1**)

“ We sent this LS to WG3 with CRs. I guess we will be receiving the formal LS back from WG3 later but to my understanding, WG3 have reviewed those CRs and have agreed to the way of defining this as we have done and also they have explicitly asked them about the use of this *Radio Link Restore* to move from some initial state. WG3 also thought that is OK, so I guess they will update their specifications. Finally they will take care of defining these parameters as a part of the NBAP specification and so we do not have to update this either to my understanding.”

/*** This answer liaison statement from WG3 was sent to WG1 after WG1#11 meeting was over. This LS is attached to these minutes as Annex B (**R3-000980**). ***/

13. 2 Report from Ad Hoc #1, part 1 (R1-00-0377) (14:25-14:40)

Ms. Anja Klein (Siemens) presented the report.

There was one comment that R1-00-0318 CR 25.225-006 (section 2.9 measurements in the report) needed offline discussion before approval. (There had been a request to change the wording in the CR, but it had nothing to do with the CR itself, it had existed already in the specification.)

Chairman suggested treating this in Day 4 though related LS should be discussed in Day3.

Report was approved with no other comments. (14:40)

Ad Hoc 1 related CRs

No.	CR	rev.	TS	Tdoc	Title	Cat	Source	Conclusion	Notes
34	019	1	25.222	R1-00-0193	TFCI coding specification in TDD	F	Siemens	Approved	No Comment 14:42
35	025	-	25.222	R1-00-0237	Change of TFCI basis for TDD	F	LGIC	Approved	No (*1) Comment 14:44
36	015	1	25.221	R1-00-0228	Signal Point Constellation	F	Siemens	Approved	No Comment 14:45
37	006	1	25.223	R1-00-0228	Signal Point Constellation	F	Siemens		
38	013	-	25.224	R1-00-0228	Signal Point Constellation	D	Siemens		
39	023	-	25.222	R1-00-0226	Update of TS 25.222 – clarification of BTFD for TDD	F	Siemens	Approved	No Comment 14:48
40	016	-	25.221	R1-00-0415	Association between Midambles and Channelisation Codes	F	InterDigital Siemens	Approved	No (*2) Comment 14:52
41	007	2	25.224	R1-00-0291	Clarifications on the UL synchronisation and Timing advance	D	Nokia Siemens	Approved	No (*3) Comment 14:54
42	009	-	25.224	R1-00-0219	New section describing the random access procedure	F	Siemens	To be revised	No (*4) Comment 14:56
43	005	2	25.225	R1-00-0227	Editorial modifications to 25.225 Measurements for TDD	D	Siemens	Approved	No Comment 14:58

(*1) TDD version of No.25.

(*2) This was exactly same as **R1-00-0071** except the font colours. (In the approval, R1-00-0071 was presented)

(*3) This supersedes the **CR 25.224-007r1 (R1-00-0133)** which was approved in RAN WG1#10 meeting.

(*4) This CR proposed to add completely new section in order to include a description of the random access procedure for TDD into TS 25.224. For FDD, the physical layer aspects of the random access procedure are described in TS 25.214 Chapter 6. This CR intended to include an analogous description for TDD.

Chairman made a comment that the revision mark should be added even when to insert the whole new section and “[Note: this section is completely new and thus no revision marks are shown.]” should be removed.

Therefore this CR was agreed in principle but to be revised.

/**/ CR25.224-014 (R1-00-0389) was already approved in the approval of Ad Hoc 18 related CRs. (see No.33) /**/

/**/ The review of R1-00-0380 was postponed since this document was not available at this point. /**/

13. 3 AdHoc 4 + 8 Report (R1-00-0414) (15:03-15:10)

Ms. Anu Virtanen (Nokia) made a comment on the *conclusion* of section 4 “Outer-Loop Power-Control in Compressed Mode” that we also discussed that it is not clear whether the deltaSIR and deltaSIRafter will be signalled so that UE will be defined and this should be clarified in the liaison. We agreed that delta SIR and deltaSIRafter are done by frame basis and not by TTI basis, but it is not clear whether it will be signalled or not. She added one more that should be also put in the liaison. That is, whether we have to have some kind of restriction if we have several patterns using compressed mode by puncturing and whether those patterns can create a gap within the same maximum TTI. It will be difficult if we signal separate deltaSIR parameters for those patterns because those deltaSIR cannot be just summed. (because then there will be coding gain degradation.)

Alcatel made a comment that the idea was to propose the algorithm in the WG1 and to accept it. The description of the signaling must be taken into account in the WG2 not in the WG1 because signaling has to be treated in the WG2.

Ms. Evelyne Le Strat (Nortel) stated that the description of outer loop power control is not in our specification, either and therefore we could not formally agree to an algorithm.

Ms. Anu Virtanen added that it was beneficial anyway to have this discussion in WG1 because like in the discussion in the last meeting, if we have deltaSIRs for TTI basis then we would need to have restrictions for the TGD and TGP parameters. Now we have a conclusion that we will not have restrictions for the those parameters. It is the task for the WG1 to decide that issue.

Ad Hoc report was approved with no other comments. (15:18)

Ad Hoc 4+8 related CRs

No.	CR	rev.	TS	Tdoc	Title	Cat	Source	Conclusion	Notes
44	046	-	25.212	R1-00-0218	SF/2 method: DTX insertion after 2 nd interleaver	F	Nokia	Approved	No Comment 15:25
45	041	2	25.212	R1-00-0242	Correction of UL compressed mode by higher layer scheduling	F	Ericsson	Approved	No Comment 15:27
46	061	-	25.212	R1-00-0364	Removal of DL compressed mode by higher layer scheduling with fixed positions	C	Ericsson	Approved	No Comment 15:31
(19)	036	4	25.215	R1-00-0342	Corrections to 25.215 compressed mode parameter list	F	Nokia	Approved	No (*1) Comment 15:33

(*1) **This CR supersedes CR 25.215-033.**

This CR was approved in Day1 (see No.19). This was presented here because in Day1, the document had not been available. This CR was sent to RAN WG2, WG3 and WG4 as an attachment of the LS **R1-00-0370** in Day2 evening. (See **10.3**)

13.4 Approval of Ad Hocs related liaison statement

13.4.1 **R1-00-0408** Clarification on Liaison statement on UTRAN BER measurement / Source : Siemens

The liaison statement(**R1-00-0401**) which was approved and sent out to RAN WG2, WG3, WG4 in Day2. (See **10.6**) There some concerns were raised in other groups about the applicability of this LS for TDD. This LS intended to clarify, that the technical concept described in R1-00-0401 is applicable to TDD as well and to inform that a similar CR as the one for 25.215 which was attached to the original LS is necessary and will be issued for 25.225 soon.

This LS was approved with no comments but at the time when this LS was approved, the previous LS had been approved in WG2 and therefore WG2 was removed from the "TO:" field.

Approved version is in **R1-00-0419**. (15:40)

/*** This LS was a kind of follow up liaison statement and has no direct relation to Ad Hoc session. ***/

13.4.2 **R1-00-0402** Draft LS on use of Compressed Mode for Seamless Hard Handover / Source : Siemens

There were several questions for clarifications were made. But finally approved.

Approved version is in **R1-00-0421**. (15:55)

13.4.3 **R1-00-0394** Liaison statement on Outer-loop power control in compressed mode / Source : Alcatel

Ms. Anu Virtanen (Nokia) repeated the comment she made in the Ad Hoc report. (See. **13.3**)

This LS was to be revised. (16:00)

13.5 Ad Hoc 14 Report (R1-00-0420) (16:25-16:35)
 Approved with no comments (16:35)

Chairman introduced incoming liaison statement **R1-00-0459** (R2-000637) (16:38)
 /*** This liaison statement was not available at the meeting. It was attached these minutes as Annex C ***/

No.	CR	rev.	TS	Tdoc	Title	Cat	Source	Conclusion	Notes
47	013	6	25.211	R1-00-0265	Addition of a downlink channel indicating CPCH status	B	Philips	Approved	No Comment 16:52
48	037	-	25.211	R1-00-0275	Clarification of pilot bit patterns for CPCH and slot formats for CPCH PC-P and message part	D	LGIC, GBT Philips	Approved	No Comment 16:55
49	044	2	25.211	R1-00-0409	Emergency Stop of CPCH transmission and Start of Message Indicator	B	LGIC, GBT, Samsung, Lucent	Approved	No Comment 17:05
50	082	2	25.214	R1-00-0409	Emergency Stop of CPCH transmission and Start of Message Indicator	B	LGIC, GBT, Samsung, Lucent	Approved	No Comment 17:05
51	031	3	25.211	R1-00-0405	CD/CA-ICH for dual mode CPCH	B	Samsung, GBT LGIC, Lucent Nokia	Agreed in Principle	(*1) 17:27
52	029	-	25.213	R1-00-0300	Clarifications to DSCH scrambling and modulation in 25.213	C	Motorola, Nokia	Approved	No Comment 17:22
53	028	2	25.213	R1-00-0416	Channelization code allocation method for PCPCH message part	C	LGIC, GBT Samsung, Lucent	Approved	(*2) 17:30
54	071	-	25.214	R1-00-0416	Channelization code allocation method for PCPCH message part	C	LGIC, GBT Samsung, Lucent	Approved	No Comment 17:30
55	069	3	25.214	R1-00-0406	Channel assignment and UE channel selection methods of CPCH	B	Samsung, GBT Nokia, Phillips LGIC, Lucent	To be revised	(*3) 17:47
56	059	1	25.214	R1-00-0339	CPCH: CD subslot-related additions to 6.2	F	GBT	To be revised	(*4) 17:54
57	023	4	25.211	R1-00-0411	CPCH-related editorial changes, technical changes and additions to 25.211 and some clarifications to 7.4 PCPCH/AICH timing relation	F	GBT	To be revised	(*5) 18:08
58	061	1	25.214	R1-00-0412	CPCH: editorial changes and clarifications of 6.2	F	GBT	Approved	18:13 18:13

(*1) This was agreed in principle but there are some revisions of revisions in 5.3.3.7 and 5.3.3.8 therefore this was to be revised. (Revision will be in **R1-00-0429**)

(*2) Ms. Evelyne Le Strat (Nortel) made a comment that though she agreed to the proposal for the channelization code itself, but in the CR on 25.213, it only covers the case of one channelization code for the data part. There has been that assumption in RAN WG1 but when we look at the model in RAN WG2, unless they are updated on that particular aspect, in RAN WG2, it was possible to have the CPCH mapped onto 2 channelization codes and spreading factors. So unless we are quite sure that also in RAN WG2, there is only one code, we should cover the multi-codes. Considering the liaison statement we received in the last meeting from RAN WG2 (R1-99163) it is clearly shown that there will be 2 codes.

Chairman answered that indeed we received the liaison statements from the RAN WG2 in the last meeting which indicated multi-codes. But it is not specified by the layer 1 specifications at this point. Further, if we have the multi-code, it is not sufficient to have CRs on 25.213. We need to modify something for 25.211 and probably 25.214 would be affected.

Ms. Evelyne Le Strat agreed to accept the CR as it is, but she stated that we can send a liaison statement to RAN WG2 to clarify that WG1 will not go into multi-codes and to check the consistency between the model and the rate. She added that she will check the model and if there are 2 codes, then she will raise the issue at the next RAN WG2 because it leads to an inconsistency.

Chairman added that we would approve this CR now and check it from RAN WG2 point of view whether they do have the problem if we do not have multi-codes in release '99.

(*3) Ms. Evelyne Le Strat (Nortel) pointed out the problem in between point 5) and point 6).

She stated that there is a one to one mapping between the channel bit rate and what is called "access resource combination" and what we have to do here is that based on the availability, we select in a way the bit rate or the PCPCH resource and after this has been done, it points an access resource combination *singular* and this access resource combination points to a set of signature. So we run the random function for the signature on that set and then for the access sub-channel to use, we run also random function or deterministic function on the sub-channel group again corresponding to this access resource combination. Therefore, as the minimum, there is a intermediate step missing which is the selection of the bit rate or PCPCH resource that points to an access resource combination. And then we run, just as normal, the random function on that access resource combination.

GBT agreed with this statement.

Chairman suggested the revision should be checked by Ms. Evelyn before presented in the plenary.

The revision will be found in **R1-00-0430**.

- (*4) Only one category of the CR should be selected. This is the “correction” therefore only the category “F” should be marked.

Ms. Evelyne Le Strat (Nortel) pointed out that 10-b) of “The CPCH -access procedure in the physical layer is:” should be modified as follows.

“when the PRACH and PCPCH resources are shared” → “when the PRACH and PCPCH AP preamble scrambling code and CD preamble scrambling code are shared”

This is to be revised and revision will be found in **R1-00-0431**.

- (*5) Some editorial mistakes were pointed out.

- 5.3.2.3, In spite of the downlink section, there is “The spreading factor for the UL-DPCCH is 256”

- Abbreviation is followed by directly 5.2.2.2.1 (Some section break should be there.)

- Some other editorial mistakes were pointed out by some delegates.

It was pointed out that there is complex with already approved CR 25.211-037(**R1-00-0275**) in section 5.2.2.5.

This part has to be aligned.

Ms. Evelyne Le Strat (Nortel) made a comment that in section 7.4 the modification should be done in line with what we had done with RACH.

This should be revised. The revision will be found in **R1-00-0434**.

After the discussion of this CR, GBT requested to postpone the 25.213 issues (R1-00-0410, R1-00-0413)

because there had been comments in Ad Hoc that has to be incorporated. These CR would be presented in Day 4 morning. In Day4 R1-00-0427 (revision of R1-00-0410) was presented (See. No. 85) but R1-00-0413 was withdrawn.

13. 6 Report from Ad Hoc #1, part 2 (R1-00-0378) (18:15-18:57)

Ms. Anja Klein (Siemens) presented the report.
The new 4 inputs for the technical report were agreed in Ad Hoc 01.

With respect to the newly introduced structure that had been agreed in the Ad Hoc01, chairman made a question. According to the new structure, descriptions are to be categorized in to 3 types as follows in case that the section contains the description for the low chip rate solution.

- Description
- Rationale
- Explanation of differences compared to 3.84Mcps

But who will categorize the description as above and put them into the technical report ?

If it is to be done by the editor, then it will be a problem because the task of the editor in this case is just to edit the documents (Cut & Paste + some minor editorial filtering) and not to create or invent the contents. Furthermore it is not the task of the editor to capture the online comments in the meeting and to reflect them on the documents. This kind of task should be done by the proponents.

Ad Hoc01 chairman answered.

As for the 4 documents which had been agreed in this meeting, the categorization would be done by together with the editor and proponents. We could do it together. But for the future contributions, contribution themselves should be written in accordance with the structure containing the 3 different types. Therefore editor will not do the categorization work. As for these particular 4 documents, the incorporation of the online comments would be done by the proponents.

Chairman stated we should keep in mind the task of the editor. Editor should not invent the content.

Editor questioned how the restructuring of the currently approved particular 4 contributions should be done ?

Chairman answered that the restructuring would be done and provided by the proponents and editor would incorporate them into the technical report. We will approve that incorporated version of the technical report as v0.1.0 at the beginning in the next meeting and will continue the work onwards. Preparation can be done by the e-mail.

Ad Hoc 01 chairman agreed with chairman’s answer.

Ms. Evelyne Le Strat (Nortel) made a comment regarding the general working procedure that the deadline for the inputs from CWTS should be determined in advance otherwise it is difficult for us to cope with sliding one-week window.

Chairman agreed with this comment and proposed to fix the deadline (relative time-schedule) for the contributions over the e-mail.

Ad Hoc 01 report was approved with no other comments. (18:57)

13. 7 Approval of other available CRs

No.	CR	rev.	TS	Tdoc	Title	Cat	Source	Conclusion	Notes
59	042	-	25.212	R1-00-0322	UTRAN RSSI measurement	F	Nokia	To be revised	(*1) 19:07
60	043	1	25.215	R1-00-0332	UTRAN Propagation delay	B	Nokia	Approved	(*2) 19:15
61	047	-	25.215	R1-00-0348	Removal of RSCP measurement	F	Nokia	Approved	No Comment 19:17
62	048	-	25.215	R1-00-0407	UE BER measurement removal and clarification for use of uplink compressed mode	C	Nokia	Approved	No Comment 19:22
63	012	1	25.224	R1-00-0380	Clarifications on power control procedures	D	Siemens	Approved	(*3) 19:35
64	009	1	25.224	R1-00-0417	New section describing the random access procedure	F	Siemens	Approved	(*4) 19:36

(*1) This CR intended to reflect the decision in RAN RRM Ad Hoc
One comment was made by Siemens that 0.1dB resolution is based on the assumption of accuracies of ±0.3dB and is this already approved in RAN WG4 ?
It was answered that at the time of Day2 joint session, it had not been approved yet. But accuracy is different issue. Resolution will not constrain the accuracy.
NEC made a comment that RSSI_LEV numbering should be in 3digit since now the greatest number became 620 (3digit).
This CR was to be revised to incorporate this comment. Revision will be in **R1-00-0435**.

- (*2) One comment was by Ms. Evelyne Le Strat (Nortel) that she understood some of these ranges are in line with RAN WG4, but it was not clear that in RAN WG4 for what purposes they are defined for. Is that for testing purpose ? Considering that the ranges corresponds to cell over 60km radius, in which context this assumptions are made is not clear. → This can be checked offline.
- (*3) Some discussion was made regarding the similarity between TDD and FDD.
- (*4) This is the revision of **R1-00-0219** (Revision marks were added and the note was removed) (See **No. 42**)

13. 8 R1-00-0397 Draft LS on the inclusion of LCS in UE Capabilities 19:37-20:06

This LS was based on the discussion of the joint session with RAN WG4, that is, RAN WG4 is not going to specify any accuracy requirements for the LCS measurements.

In advance of discussion, chairman announced the back ground of the LCS accuracy.

In the Day2 joint session with RAN WG4, there was an understanding that this is something not for release '99 and that RAN WG4 is not going to specify any accuracy requirements for this measurements. Of course in line with that we needed to consider very crucially from WG1 perspective whether they are mandatory or not for the UE. But after that actually this has been clarified with the SA chairman, WG4 chairman had discussed with him and I have discussed it with RAN WG4 chairman as well on this issue. It seems that SA expects RAN groups to sort this issue out for release '99 as well including the accuracies. Therefore WG4 will, in contrast what was discussed yesterday, do something about the accuracys already for release '99.

This LS was based on the background on the Day2 discussion. And then new version of this draft liaison was presented. (This was not available.)

This new draft LS was approved as **R1-00-0436**.

Day 4, Plenary started at 08:10

14. Approval of CRs for WG1 specifications not treated earlier or postponed due corrections

No.	CR	rev.	TS	Tdoc	Title	Cat	Source	Conclusion	Notes
65	047	1	25.212	R1-00-0346	TFCI coding for FDD (rev)	F	LGIC	Approved	No (*1) Comment 08:12
66	052	-	25.212	R1-00-0255	Padding Function for Turbo coding of small blocks	B	Siemens	Approved	No (*2) Comment 08:17
67	026	-	25.222	R1-00-0255	Padding Function for Turbo coding of small blocks	B	Siemens	Approved	No (*2) Comment 08:17
68	040	-	25.215	R1-00-0309	Clarification of CPICH measurements in Tx diversity	F	Ericsson	Approved	No Comment 08:20
69	065	1	25.214	R1-00-0344	PRACH power offset definition	F	Ericsson	Approved	No (*3) Comment 08:27
70	037	3	25.215	R1-00-0438	Definition and range of physical channel BER	F	Nokia NTTDoCoMo	Approved	(*4) 08:34
71	031	4	25.211	R1-00-0429	CD/CA-ICH for dual mode CPCH	B	Samsung, GBT, LGIC, Lucent, Nokia	Approved	No (*5) Comment 08:39
72	036	-	25.211	R1-00-0270	PDSCH multi-code transmission	C	Motorola Nokia	Approved	No Comment 08:44
73	030	1	25.212	R1-00-0105	Update for 4.2.3.2.3 of 25.212 for consistent description	F	Nokia	Offline Discussion	(*6) 09:00
74	060	-	25.212	R1-00-0330	Editorial changes of channel coding section	D	NTT DoCoMo Nortel Networks	Offline Discussion	(*7) 09:32
75	072	-	25.214	R1-00-0293	Limited power raise used – parameter in DL PC	B	Nokia	To be revised	No (*8) Comment 09:48
76	041	-	25.215	R1-00-0321	UTRAN Transmitted Carrier Power	F	Nokia	To be revised	No (*9) Comment 09:55
77	042	1	25.215	R1-00-0435	UTRAN RSSI measurement	F	Nokia	Approved	No (*10) Comment 09:59
78	not CR			R1-00-0327	Power control in DCH/DSCH mode	-	Qualcomm	Discussed	(*11) 10:05
79	038	2	25.212	R1-00-0347	Definition clarification for TS 25.212	D	Nokia	Approved	No (*12) Comment 10:39
80	042	5	25.212	R1-00-0418	Downlink Compressed Mode by puncturing	C	Nortel	Approved	No (*13) Comment 10:49
81	069	4	25.214	R1-00-0430	Channel assignment and UE channel selection methods of CPCH	B	Samsung, GBT, Nokia, Phillips, LGIC, Lucent, Nortel	Approved	No (*14) Comment 10:54
82	059	2	25.214	R1-00-0431	CPCH: CD subslot-related additions to 6.2	F	GBT	Approved	No (*15) Comment 10:56
83	023	5	25.211	R1-00-0434	CPCH-related editorial changes, technical changes and additions to 25.211 and some clarifications to 7.4 PCPCH/AICH timing relation	F	GBT	Approved Superseded	No (*16) Comment 11:00
84	055	2	25.212	R1-00-0425	Clarifications relating to DSCH	F	Motorola Nokia	Approved	No Comment 11:09
85	025	3	25.213	R1-00-0427	Number of PCPCH scrambling codes per cell	C	GBT, LGIC Samsung	Approved	(*17) 11:12
86	006	1	25.225	R1-00-0403	Corrections to 25.225 Measurements for TDD	F	Siemens	Approved	No Comment 11:20
87	044	1	25.215	R1-00-0424	Correction to sections: 5.1.15 UE GPS Timing of Cell Frames for LCS; 5.2.8 UTRAN GPS Timing of Cell Frames for LCS	F	Lucent	To be revised	(*18) 11:31

(*1) This was a revision of **R1-00-0235** (discussed in Day1). Special cases were removed. (See No.25)

(*2) These CRs are the same as ones discussed in Day1. (No.20 - No.23). Siemens had asked people whether they have problem with these CRs and no problem was found.

- (*3) Revision of **R1-00-0247**. (See No.8)
- (*4) At first, **R1-00-0398** CR25.215-037r1 was presented.
 This was the revision which combined **R1-00-0215** & **R1-00-0274**. Mr. Takehiro Nakamura (NTT DoCoMo) explained that he merged CR 25.215-046 (R1-00-0274) into CR 25.215-037 (R1-00-0215) and therefore he used CR number 037 for this combined version. (See. **10.6** No. 30, 31)
 Mr. Nakamura stated that he had forgot to change one point and he already prepared new version as **R1-00-0432** CR 25.215-037r2.(This was not available at that moment).
 NEC made a comment that LOG range name should be expressed in 3digits since the greater ranges are now expressed in 3 digits. Therefore this should be revised but, due to the lack of time and the correction is considered as really editorial this **R1-00-0438** CR 25.215-037r3 was agreed in advance.
- (*5) This was the revision of **R1-00-0405**. Revision over revision was corrected. (See. No.51)
- (*6) This document was for FDD specification. For TDD, R1-00-0214 is the same text for TDD.
 Mr. Yukihiro Okumura (NTT DoCoMo) pointed out that in this CR there are at least 4 serious faults in description. He explained all of them in detail.
- (*7) This CR includes editorial modifications for channel coding section in order to clarify not only exact function of Turbo code internal interleaver but also exact relation between different functional blocks in the channel coding section. These CR includes the addition of Turbo code internal interleaver for smaller block size from 40–319 bits. All modifications are relating to the fashions and algorithms were not changed at all. All modifications are purely editorial.
 Nokia pointed out one problem regarding the Turbo internal interleaver section that the description is even worse. (It is not described consistently what is the index in this text.)
 Mr. Fredrik Ovesjö (Ericsson) made a comment that in general we believe that NTT DoCoMo way of describing is more describing of the algorithm while Nokia is more describing the implementation. We would prefer to have description of algorithm.
 Chairman stated that we should have the description of the interleaver that leads to the point that everybody has the same implementation and the same understanding how it goes. It is consider that this reference algorithm here needs some clarification.
 Mr. Okumura stated that the description of the algorithm in the specification should not be written in a way that requests the implementation of all manufactures should be same. What is the important is to have exactly the same function which will generates the same output. How the implementation should be is to left to the manufactures.
 Chairman agreed to this comment. The output is the normative part.
 Chairman suggested the offline discussion between Nokia and NTT DoCoMo and after lunch we would come back to this issue again.
 Mr. Yukihiro Okumura announced that NTT DoCoMo prepared C language program for the latest Turbo Code internal interleaver including the latest update. This can be found in **R1-00-0374**.
 Chairman proposed to incorporate the C codes into the Annex because this is the reference implementation.
- (*8) Ms. Sarah Boumendil (Nortel) made questions and chairman suggested that offline discussion. We would come back this later again. The revision will be in **R1-00-0441**.
 “optional behavior of UTRAN” → It is meant that this is not mandatory for the Node B
- (*9) Measurement range should be expressed by ‘dB’ instead of ‘dBm’ because this proposed the relative measurements.
 What is the benefit of having the reference to the maximum transmitted power ? Measurements themselves are the same.
 Mr. Fredrik Ovesjö (Ericsson) stated that he believed that this was decided in RAN WG4 because of the simplicity. Siemens commented that it is not finalized in RAN WG4, yet.
 Chairman suggested that anyway this CR had to be revised because of the change of ‘dBm’ → ‘dB’ and at that time we could check with RAN WG4 what the current status of the discussion was. (RAN WG4 had parallel meeting in the same building.)
 Another question was raised on the word “mean power”. What kind of “mean power” is supposed ? It should be defined more clearly. → This should be modified in the revision.
 The revision will be in **R1-00-0443**.
- (*10) This is the revision of R1-00-0322. (See **No. 59**)
 The name of RSSI_LEV was now expressed in 3 digits. The last RSSI_LEV was corrected from 620 to 621.
- (*11) This contribution raised the problem in the current specification regarding the power control in DCH/DSCH mode. The power control on the downlink shared channel is done by the command used in the dedicated channel (this is the only one available information) but in case that the dedicated channel is in the soft-hand-over and the shared channel is not in the soft-hand-over, then the power control on the shared channel cannot be done properly.
 This contribution also the proposed 2 solutions for this problem.
 Ms. Evelyne Le Strat (Nortel) stated that so far the power control over the shared channel has not been specified and it is left to Node B manufacturers. However the current status of the specification is that there is only one type of information for the Node B to do this power control and this can be a problem in soft-hand-over.
 Question is how to have more information available.
 Chairman stated that though we do not have much time for release '99 but we need to elaborate this for release 2000. He also stated that he would mention this in the report to RAN. It will be decided in the RAN that this is will be a work item or not.
- (*12) This is the revision of **R1-00-0013** (See. No.15).
- (*13) Ms. Evelyne Le Strat (Nortel) presented this CR. She introduced as follows.

This was agreed in Ad Hoc 4+8. This reflected the output of the Ad Hoc 8.

We had a complete solution for the downlink compressed mode by puncturing for the fixed position case.

However for the flexible position case we did not have any complete solution since the rate matching parameters calculation was not completed. In fact, we have had 2 proposal (Nortel and Mitsubishi) but it was clear that Nortel one was not complete and neither was the Mitsubishi one. Therefore what we decided in Ad Hoc 8 was to adapt current CR in that case for the fixed position on the basis of the Nortel CR, however, we wanted to have some hooks for some further elaboration for that solution and the inclusion later on of flexible position. That's why we re-drafted the CR, first of all, by removing everything that was related to the flexible position and we introduced the notations as suggested by Mitsubishi proposal as far as the output of the rate matching parameters calculation is concerned.

This CR was approved with no comments.

She added that she prepared a document that is the draft status report of the progress of our work on the downlink compressed mode by puncturing. This would be presented in the afternoon session and she would like to see what RAN WG1 wants to do with that proposal. The idea is that to set RAN where we are now, given that we have been mandated by the RAN to find a solution. But effectively we have found a solution only for the fixed position case.

This is in **R1-00-0446** but this was not available at that time.

(*14) This is the revision of **R1-00-0406** (See No.55)

(*15) This is the revision of **R1-00-0339** (See No.56)

(*16) This is the revision of **R1-00-0411** (See No.57)

This CR was superseded because it was found that one revision mark was missing in section 7.4 (See. No. 117)

(*17) Mr. Vincent Belaiche (Mitsubishi) made a question regarding the formula, but it was answered by Mr. Fredrik Ovesjö (Ericsson).

(*18) This is the revision of R1-00-0324.

It was point out by Mr. Fredrik Ovesjö (Ericsson) that this CR overlaps with the Ericsson's CR which was approved in RAN WG1 #10 meeting (**R1-00-0110**).

There was one comment made that in this CR, the resolution was defined in unit of chips, but the ranges are still expressed in time unit. Technical contents of this CR were agreed in principle.

Conclusion: Ericsson will update the CR 25.215-030r1(R1-00-0110) and delete those changes that has to do with GPS and instead insert those changes into this document with this new resolution and then we will approve these 2 CRs. In this process, the unit of the ranges are to be modified.

(It is possible to merge this CR into Ericsson's CR and make 1 CR, but problem is that Ericsson's CR is just an editorial CR while this CR is not the editorial.)

15. Editorial CRs

No.	CR	rev.	TS	Tdoc	Title	Cat	Source	Conclusion	Notes
88	046	-	25.211	R1-00-0422	Clean up of USTS related specifications	F	SK Telecom	Approved	No Comment 11:41
89	032	-	25.213	R1-00-0422	Clean up of USTS related specifications	F	SK Telecom	Approved	No Comment 11:44
90	083	-	25.214	R1-00-0422	Clean up of USTS related specifications	F	SK Telecom	Approved	No Comment 11:44
91	017	-	25.221	R1-00-0439	Removal of ODMA from the TDD specifications	D	Nokia	Approved	No Comment 11:46
92	015	-	25.224	R1-00-0440	Removal of ODMA from the TDD specifications	D	Nokia	Approved	No Comment 11:48
93	001	-	25.201	R1-00-0210	Editorial revision	D	NEC	Approved	No Comment 11:53
94	033	-	25.211	R1-00-0234	Clarification of frame synchronization word and its usage	D	LGIC	Approved	No Comment 11:56
95	040	-	25.211	R1-00-0297	Clarification of downlink pilot bit patterns	F	NEC	Approved	(*1) 12:05
96	034	-	25.211	R1-00-0325	Editorial updates to 25.211	D	Ericsson	To be revised	(*2) 12:44
97	048	-	25.212	R1-00-0238	Mapping of TFCI in downlink compressed mode	F	Siemens	Approved	No Comment 14:05
98	049	-	25.212	R1-00-0243	Editorial changes to Annex A	D	Ericsson	Approved	No Comment 14:08
99	050	-	25.212	R1-00-0244	Removal of rate matching attribute setting for RACH	F	Ericsson	Approved	No Comment 14:09
100	056	-	25.212	R1-00-0281	Editorial modification of uplink shifting parameter calculation for turbo code puncturing	D	LGIC	Approved	No Comment 14:11
101	059	1	25.212	R1-00-0426	Revision: Editorial correction to the calculation of Rate Matching parameters	D	Panasonic	Approved	(*3) 14:17
102	045		25.212	R1-00-0211	Editorial corrections	F	NEC	Approved	No Comment 14:23
103	024	1	25.213	R1-00-0213	Editorial changes to 25.213	F	Siemens	Approved	No Comment 14:27
104	027	-	25.213	R1-00-0253	A typo correction for 5.2.2 and clarification for 5.2.3.1 of TS 25.213V3.1.1	F	Nokia	Approved	No Comment 14:28
105	062	-	25.214	R1-00-0212	Editorial corrections	F	NEC	Approved	No Comment 14:31
106	064	1	25.214	R1-00-0353	Editorial improvement of the IPDL section	D	Ericsson Nokia	Approved	No Comment 14:34
107	081	-	25.214	R1-00-0367	Editorial improvement on SS DT power control section	D	Ericsson	Approved	No Comment 14:36
108	014	1	25.221	R1-00-0376	Removal of Synchronisation Case 3 in TDD	F	Siemens	Approved	No (*4) Comment 14:36
109	027	-	25.222	R1-00-0282	Editorial modification of shifting parameter calculation for turbo code puncturing	D	LGIC	Approved	No Comment 14:37

(*1) Though this CR is categorized as “D: Editorial Change”, this should be classified as “F: Correction”

(*2) Some (editorial) comments were made. This was to be revised. The revision will be in **R1-00-0450**.

(*3) There was one comment that this is not really needed because the nothing has been changed from mathematical point of view, it is already clearly defined. But finally this was approved.

(*4) This CR supersedes CR 25.221-014 (R1-00-0220) which was approved in Day1. (See **No.10**)

16. Other Remaining CRs

No.	CR	rev.	TS	Tdoc	Title	Cat	Source	Conclusion	Notes
110	024	1	25.215	R1-00-0307	Definition of Transmitted carrier power	F	Ericsson	Approved	(*1) 14:46
111	044	2	25.215	R1-00-0447	Correction to sections: 5.1.15 UE GPS Timing of Cell Frames for LCS; 5.2.8 UTRAN GPS Timing of Cell Frames for LCS, including timing mapping	F	Lucent Ericsson	Approved	(*2) 14:56
112	030	2	25.215	R1-00-0448	Mapping of timing measurements	F	Ericsson	Approved	No (*3) Comment 14:58
113	060	1	25.212	R1-00-0437	Editorial changes of channel coding section	D	NTT DoCoMo Nortel, Nokia	Approved	No (*4) Comment 15:30
114	029	1	25.222	R1-00-0437	Editorial changes of channel coding section	D	NTT DoCoMo Nortel, Nokia	Approved	
115	072	1	25.214	R1-00-0442	Limited power raise used – parameter in DL PC	B	Nokia	Approved	No (*5) Comment 15:42
116	034	1	25.211	R1-00-0450	Editorial updates to 25.211	D	Ericsson	Approved	No (*6) Comment 15:39
117	023	6	25.211	R1-00-0449	CPCH-related editorial changes, technical changes and additions to 25.211 and some clarifications to 7.4 PCPCH/AICH timing relation.	F	GBT	Approved	No (*7) Comment 15:45
118	080	-	25.214	R1-00-0319	Downlink power control	D	Nortel Networks	Approved	(*8) 16:18

(*1) This CR is the revision of the CR which we agreed in RAN WG1 #10 meeting.

The definition of transmitted carrier power is modified because some concerns had been raised that current definition is somewhat unclear when it comes to the reference point for the configured maximum transmission power, which shall be the antenna connector as for the total transmission power.

In the definition, the meaning of the “mean power[W]” is not clear. Ericsson checked the meaning of this with RAN WG4, but did not have any more detailed information at that of point of time. Maybe they will elaborate this and then we might need to revisit this to be in line with RAN WG4.

This supersedes R1-00-0041 CR 25.215-024.

There is one comment that we should know the exact meaning of the “mean power” within RAN WG1 because this is RAN WG1 specification.

(*2) This is the revision of **R1-00-0424**. (See No.87)

All units are changed to UTRAN chip unit. 231936000000chips corresponds to 1 week.
(The number of bits increased here is 4.)

(*3) This CR supersedes **R1-00-0110 CR 25.215-030r1**. (See No.87)

(*4) This is the revision of **R1-00-0330**. (See. 74) After the offline discussion, an consensus was reached.

Main modification of these revised CR is the description of step 3 in section 4.2.3.2.3.2. This was modified taking into account of relevant part of the Nokia’s CR. This is the editorial CR. (according to the author.)

(*5) This is the revision of **R1-00-0293** (See No.75).

(*6) This is the revision of **R1-00-0325**.

(*7) This CR was approved in the morning session in Day4. (See No.83) but there was a revision mark missing in section 7.4 (**R1-00-0434**). This CR supersedes **R1-00-0434**.

(*8) This is the action requested by RRM Ad Hoc. (See 5. 7)

There exist another approved CR regarding the Adjustment loop section. Editor must be careful for this incorporation. This the action regarding

17. Any other business.

17.1 R1-00-0423 TR 25.928 Technical Report on 1.28Mcps UTRA TDD Physical Layer v.0.0.2

Mr. Mirko Aksentijevic (Nokia, the editor of the TR) presented this TR on the screen.
The modification had been done according to the suggestion by Nortel (R1-00-0356)

The time schedule of the new inputs for this TR.

1) Submission deadline : March 10 / Comments deadline March 20

2) Submission deadline : March 27 / Comments deadline April 3

Both set of inputs are to be discussed in RAN WG1 #12 meeting.

Approved at 15:12

17.2 R1-00-0273 TR 25.944 Channel coding and multiplexing examples v.1.0.1

Mr. Takehiro Nakamura (NTT DoCoMo, editor of this TR) presented this TR on the screen and explained revised points.

Mr. Takehiro Nakamura announced that if there are requests to include some figures based on some services he would incorporate those figures into this TR.

This TR would be submitted to RAN #7 for approval.

There was one comment that we now have 10ms and 20ms TTI, but the RACH figure (section 4.1.2.1 (p.19)) only shows 10ms TTI case.

Mr. Takehiro Nakamura answered that he will modify the figure more generic way in the next revision so that this figure can show both TTI cases.

Approved at 15:20

17.3 Work Item Descriptions

Chairman's comment

Regarding work item description, RAN WG1 will not submit anything to RAN. My intention is that I would mention these in the draft work plan that I will have for RAN WG1 to RAN. Of course that will be anyway updated in RAN based on the work items that were eventually approved by RAN. But from the preparation point of view, if I do not see any work items before RAN, I can not prepare any work plan proposal for RAN WG1. I think all the WGs need some kind of work plan to somehow synchronize on these issues.

So I would very much like to have a quick look on these ones and then prepare the work plan. What are going to take place and when. I will not just wait in RAN because then I have to create everything on the spot.

Q. In RAN WG4, according to the agenda, what they did there was to endorse the work items that were discussed in the group. Maybe we can do the same here. To have a look at them and to endorse them, and then if they are endorsed, then they are to go eventually in the work plan.

A. If we look at those items and if nobody has any objection, I will include them in the work plan. I do not think WG1 endorsement will make any difference because it is RAN who approve the work items.

Q. Are you going to prepare the work plan that would be the RAN WG1 work plan if all these work items are agreed by RAN ?

A. Yes, and of course, anyway the work plan needs to be somehow coordinated with other working groups. So there will be probably some modification in RAN. That is the input to RAN my own name. I will send it on the reflector before RAN for you to have a look if you have some comments.

Q. If something is not put in your work plan then that means it is screened out from RAN WG1 perspective ?

A. No, anyway it is the RAN decision. If there was no problem on any topics, then of course I will include them in this preparations. If some topic needs to be answered then of course I do not bother with that one. I will bother only after RAN made decision.

Companies are free to submit to RAN directly work item descriptions whether they present them here or not this doesn't exclude anything. In my report I intend to mention this kind of couple of smaller items that probably do not need work items like downlink shared channel power control or Tx diversity refinement or stuff like that. I will send this report out next week so you can have a look if you think something else smaller items should be mentioned

17.3.1 Compressed mode by puncturing

R1-00-0446

Ms. Evelyne Le Strat (Nortel) presented R1-00-0446. (This was not available at that time.)

The idea here is to report to RAN what is the progress of the work on the issue of the downlink compressed mode by puncturing, since at the last RAN meeting, we asked the RAN to be allowed to continue our work so that we can produce feature in release '99. We have not finished the work though we have mastered the basis already there for the flexible position case. We are asking to continue our work and if we found the solution and if within RAN WG1, people are ready to send the change request to RAN then we would like RAN to consider this change request for release '99.

Mr. Fredrik Ovesjö (Ericsson) made a comment,

I think we will prepare just report that would report the status and not ask to let us continue the work. I think

that we could have that discussion directly at RAN meeting. I am not happy to say that we really want to continue the study this. I am not sure that this is the RAN WG1 consensus. Ericsson, for example, is quite happy with the solution that only applies for the fixed position. Therefore I think we would prepare to see this as status report that just reports the status.

Chairman concluded:

What I would say in the RAN, would be that the compressed mode by puncturing with fixed position is Ok, but we did not finalize the compressed mode by puncturing with flexible positions. Some companies thought what we have now is sufficient for release'99 and on the other hand, there are some companies that thought we should continue to study this issue farther. It is up to the RAN discussion.

And for the further comments, I will represent all myself and not RAN WG1 view on this issue.

17.3.2 Work item descriptions reviewed

No.	Tdoc	Title	Soruce	Notes
1	R1-00-0283	Work item description for low chip rate TDD option	CWTS	agreed in RAN already 16:50
2	R1-00-0453	Proposed Work Item on Gated DPCCH Transmission	Samsung	agreed in RAN already 16:55
3	R1-00-0231	Proposal for Work Item Description 'Support of Location Services in UTRA TDD'	Siemens	16:57
4	R1-00-0375	Proposal for Work Item Description 'Hybrid ARQ II/III'	Siemens	16:58
5	R1-00-0379	Proposal for Work Item Description 'NodeB Synchronisation for TDD'	Siemens	16:59
6	R1-00-0316	Proposed Work Item on FAUSCH	Philips	17:03
7	R1-00-0444	Compressed mode terminology, and R'00 new items	Mitsubishi	(*1) 17:06
8	R1-00-0451	Proposed Work Item on USTS	SK Telecom	17:08
9	R1-00-0350	Proposal for Release 2000 Work Task on DL CPCH	GBT	17:11

(*1) If we wan to introduce compressed mode by puncturing with flexible positions for release 2000, do we need new work item or not ?

Chairman would mention in the list in the report in same manner as shared channel power control or Tx diversity requirements. Probably compressed mode refinements does not need work item description.

18. Outgoing Liaison Statements from RAN WG1#11

No	Discussed Tdoc	Source	To	Title	Approved Tdoc	Notes
1	R1-00-0221	Siemens	R2,R3 SMG2	LS on Removal of Synchronisation Case 3 in TDD	R1-00-0345	No (*1) Comments
2	R1-00-0326	Ericsson	R2	Liaison on Proposed updates to TR 25.926	R1-00-0349	(*2)
3	R1-00-0373	Ericsson Nokia	R3 Cc:R2	Liaison on radio link synchronisation	R1-00-0388	(*3)
4	R1-00-0354	Nortel	R3	LS on Minimum and Maximum DL power	R1-00-0390	(*4)
5	R1-00-0370	Nokia	R2,R3 R4	LS on changes in compressed mode parameters	R1-00-0371	(*5)
6	—————	Nokia	R2,R3 R4	Liaison on changes to Tx diversity usage in DL	R1-00-0395	(*6)
7	R1-00-0146	Siemens	R3 Cc:R2	LS on SFN synchronisation for TDD	R1-00-0396	(*7)
8	R1-00-0366	Nokia	R2	Liaisons Statement on CPCH channel assignment and emergency stop procedure	R1-00-0400	(*8)
9	R1-00-0391	Nokia Ericsson	R2,R3 R4	Liaison statement on UTRAN BER measurement	R1-00-0401	(*9)
10	R1-00-0408	Siemens	R3 R4	Clarification on Liaison statement on UTRAN BER measurement	R1-00-0419	(*10)
11	R1-00-0402	Siemens	R2	LS on use of Compressed Mode for Seamless Hard Handover	R1-00-0421	(*11)
12	R1-00-0397	Nokia	R2 Cc:R4	LS on the inclusion of LCS in UE Capabilities	R1-00-0436	(*12)
13	R1-00-0433	Alcatel	R2 Cc:R4	Liaison statement on Outer-loop power control in compressed mode	R1-00-0454	No (*13) Comments ^{15:56}
14	R1-00-0333	Ericsson	T WG1 Cc:R2	Answer to liaison on UE behaviour at CRC error	R1-00-0455	No (*14) Comments ^{15:59}
15	R1-00-0355	Nortel Vodafone Mitsubishi	SMG2 R4 Cc:R2	LS on UMTS synchronisation channel detection	R1-00-0456	(*14)

(*1) This LS intends to inform RAN WG2, RAN WG3 and SMG2 that RAN WG1 approved the CRs for removal of the synchronisation case 3 in TDD mode from the set of RAN WG1 specifications asking them to take these changes into account when updating the sets of specifications within RAN WG2, RAN WG3 and SMG2.

(This LS was discussed in Day 1 14:29)

(*2) This LS was discussed in Day1 session. (See 7. UE Capability issues)

(*3) This LS was discussed in Day2 evening session. (See 10.1)

(*4) This LS was discussed in Day2 evening session. (See 10.2)

(*5) This LS was discussed in Day2 evening session. (See 10.3)

(*6) This LS was discussed in Day2 evening session. (See 10.4)

(*7) This LS was discussed in Day2 evening session. (See 10.5)

(*8) This LS was discussed in Day2 evening session. (See 10.7)

(*9) This LS was discussed in Day2 evening session. (See 10.6)

(*10) This LS was discussed in Day3 session. (See 13. 4. 1)

(*11) This LS was discussed in Day3 session. (See 13. 4. 2)

(*12) This LS was discussed in Day3 session. (See 13. 8)

(*13) This is the revision of R1-00-0394 (See.13. 4. 3) and approved with no comments in Day 4.

(*14) These LS were discussed and approved in Day4.

This is related to 5. 11).

Annex A. The List of Approved CR during RAN WG1 #10 and #11 meeting.

1. TS25.201

No.	R1-Tdoc	Spec	CR	Rev	Subject	Cat	RAN#7	R1	Current	New	Source	Ref.
1	R1-000210	25.201	001	-	Editorial revision	D	RP-000059	#11	3.0.1	3.0.2	NEC	11-93

2. TS25.211

No.	R1-Tdoc	Spec	CR	Rev	Subject	Cat	RAN#7	R1	Current	New	Source	Ref.
1	R1-000265	25.211	013	6	Addition of a downlink channel indicating CPCH status	B	RP-000060	#11	3.1.1	3.2.0	Philips	11-47
2	R1-000449	25.211	023	6	CPCH-related editorial changes, technical changes and additions to	F	RP-000060	#11	3.1.1	3.2.0	GBT	11-117
3	R1-000130	25.211	024	1	Additional description of TX diversity for PDSCH	B	RP-000060	#10	3.1.1	3.2.0	Ericsson	10-50
4	R1-000118	25.211	025	1	Consistent numbering of scrambling code groups	F	RP-000060	#10	3.1.1	3.2.0	Ericsson	10-52
5	R1-000038	25.211	026	-	Minor corrections to timing section	F	RP-000060	#10	3.1.1	3.2.0	Ericsson	10-3
6	R1-000239	25.211	028	1	Timing of PDSCH	C	RP-000060	#11	3.1.1	3.2.0	Ericsson	11-13
7	R1-000216	25.211	029	1	Modifications to STTD text	D	RP-000060	#11	3.1.1	3.2.0	Texas	11-9
8	R1-000429	25.211	031	4	CD/CA-ICH for dual mode CPCH	B	RP-000060	#11	3.1.1	3.2.0	Samsung	11-71
9	R1-000234	25.211	033	-	Clarification of frame synchronization word and its usage	D	RP-000060	#11	3.1.1	3.2.0	LGIC	11-94
10	R1-000450	25.211	034	1	Editorial updates to 25.211	D	RP-000060	#11	3.1.1	3.2.0	Ericsson	11-116
11	R1-000270	25.211	036	-	PDSCH multi-code transmission	C	RP-000060	#11	3.1.1	3.2.0	Motorola,	11-72
12	R1-000275	25.211	037	-	Clarification of pilot bit patterns for CPCH and slot formats for CPCH	D	RP-000060	#11	3.1.1	3.2.0	LGIC,	11-48
13	R1-000296	25.211	039	-	Further restrictions on the application of the Tx diversity modes in DL	C	RP-000060	#11	3.1.1	3.2.0	Nokia	11-29
14	R1-000297	25.211	040	-	Clarification of downlink pilot bit patterns	F	RP-000060	#11	3.1.1	3.2.0	NEC	11-95
15	R1-000315	25.211	041	-	Clarification of DCH initialisation	C	RP-000060	#11	3.1.1	3.2.0	Philips	11-32
16	R1-000409	25.211	044	2	Emergency Stop of CPCH transmission and Start of Message	B	RP-000060	#11	3.1.1	3.2.0	LGIC	11-49
17	R1-000422	25.211	046	-	Clean up of USTS related specifications	F	RP-000060	#11	3.1.1	3.2.0	SK	11-88

3. TS 25.212

No.	R1-Tdoc	Spec	CR	Rev	Subject	Cat	RAN#7	R1	Current	New	Source	Ref.
1	R1-000278	25.212	025	2	CR for parity bit attachment to 0 bit transport block	B	RP-000061	#11	3.1.1	3.2.0	NTT	11-26
2	R1-000241	25.212	029	1	Limitations of blind transport format detection	F	RP-000061	#11	3.1.1	3.2.0	Ericsson	11-1
3	R1-000116	25.212	034	1	Clarification of fixed position rate matching	F	RP-000061	#10	3.1.1	3.2.0	LGIC	10-55
4	R1-000170	25.212	035	1	Clarification of DL compressed mode	D	RP-000061	#10	3.1.1	3.2.0	Ericsson	10-47
5	R1-000264	25.212	036	-	Reconfiguration of TFCS	F	RP-000061	#11	3.1.1	3.2.0	Philips	11-3
6	R1-000249	25.212	037	1	Removal of fixed gap position in 25.212	C	RP-000061	#11	3.1.1	3.2.0	Nokia	11-16
7	R1-000347	25.212	038	2	Definition clarification for TS 25.212	D	RP-000061	#11	3.1.1	3.2.0	Nokia	11-79
8	R1-000123	25.212	039	1	Clarification on TFCI coding input	F	RP-000061	#10	3.1.1	3.2.0	Qualcom	10-56
9	R1-000242	25.212	041	2	Correction of UL compressed mode by higher layer scheduling	F	RP-000061	#11	3.1.1	3.2.0	Ericsson	11-45
10	R1-000418	25.212	042	5	Downlink Compressed Mode by puncturing	C	RP-000061	#11	3.1.1	3.2.0	Nortel	11-80
11	R1-000160	25.212	044	-	Modification of Turbo code internal interleaver	B	RP-000061	#10	3.1.1	3.2.0	NTT	10-41
12	R1-000211	25.212	045	-	Editorial corrections	F	RP-000061	#11	3.1.1	3.2.0	NEC	11-102
13	R1-000218	25.212	046	-	SF/2 method: DTX insertion after 2nd interleaver	F	RP-000061	#11	3.1.1	3.2.0	Nokia	11-44
14	R1-000346	25.212	047	1	TFCI coding for FDD	F	RP-000061	#11	3.1.1	3.2.0	LGIC	11-65
15	R1-000238	25.212	048	-	Mapping of TFCI in downlink compressed mode	F	RP-000061	#11	3.1.1	3.2.0	Siemens	11-97
16	R1-000243	25.212	049	-	Editorial changes to Annex A	D	RP-000061	#11	3.1.1	3.2.0	Ericsson	11-98
17	R1-000244	25.212	050	-	Removal of rate matching attribute setting for RACH	F	RP-000061	#11	3.1.1	3.2.0	Ericsson	11-99
18	R1-000255	25.212	052	-	Padding Function for Turbo coding of small blocks	B	RP-000061	#11	3.1.1	3.2.0	Siemens	11-66
19	R1-000425	25.212	055	2	Clarifications relating to DSCH	F	RP-000061	#11	3.1.1	3.2.0	Motorola,	11-84
20	R1-000281	25.212	056	-	Editorial modification of uplink shifting parameter calculation for turbo	D	RP-000061	#11	3.1.1	3.2.0	LGIC	11-100
21	R1-000426	25.212	059	1	Revision: Editorial correction to the calculation of Rate Matching	D	RP-000062	#11	3.1.1	3.2.0	Panasoni	11-101
22	R1-000437	25.212	060	1	Editorial changes of channel coding section	D	RP-000062	#11	3.1.1	3.2.0	NTT	11-113
23	R1-000364	25.212	061	-	Removal of DL compressed mode by higher layer scheduling with	C	RP-000062	#11	3.1.1	3.2.0	Ericsson	11-46

4. TS 25.213

No.	R1-Tdoc	Spec	CR	Rev	Subject	Cat	RAN#7	R1	Current	New	Source	Ref.
1	R1-000118	25.213	020	1	Consistent numbering of scrambling code groups	F	RP-000063	#10	3.1.1	3.2.0	Ericsson	10-53
2	R1-000087	25.213	021	-	Downlink signal flow corrections	F	RP-000063	#10	3.1.1	3.2.0	Siemens	10-6
3	R1-000087	25.213	022	-	Uplink signal flow corrections	F	RP-000063	#10	3.1.1	3.2.0	Siemens	10-7
4	R1-000245	25.213	023	1	Number of RACH scrambling codes	C	RP-000063	#11	3.1.1	3.2.0	Ericsson	11-7
5	R1-000213	25.213	024	1	Editorial changes to 25.213	F	RP-000063	#11	3.1.1	3.2.0	Siemens	11-103
6	R1-000427	25.213	025	3	Number of PCPCH scrambling codes per cell	C	RP-000063	#11	3.1.1	3.2.0	GBT,	11-85
7	R1-000253	25.213	027	-	A typo correction for 5.2.2 and clarification for 5.2.3.1 of TS	F	RP-000063	#11	3.1.1	3.2.0	Nokia	11-104
8	R1-000416	25.213	028	2	Channelization code allocation method for PCPCH message part	C	RP-000063	#11	3.1.1	3.2.0	LGIC	11-53
9	R1-000300	25.213	029	-	Clarifications to DSCH scrambling and modulation in 25.213	C	RP-000063	#11	3.1.1	3.2.0	Motorola,	11-52
10	R1-000422	25.213	032	-	Clean up of USTS related specifications	F	RP-000063	#11	3.1.1	3.2.0	SK	11-89

5. TS 25.214

No.	R1-Tdoc	Spec	CR	Rev	Subject	Cat	RAN#7	R1	Current	New	Source	Ref.
1	R1-000233	25.214	043	1	Optimum ID Codes for SSDT Power Control	F	RP-000064	#11	3.1.1	3.2.0	LGIC	11-6
2	R1-000016	25.214	044	-	Editorial clarification to section 5.1.2.2.2	D	RP-000064	#10	3.1.1	3.2.0	Nokia	10-9
3	R1-000130	25.214	047	1	Additional description of TX diversity for PDSCH	B	RP-000064	#10	3.1.1	3.2.0	Ericsson	10-51
4	R1-000040	25.214	048	-	Power offset on S-CCPCH	F	RP-000064	#10	3.1.1	3.2.0	Ericsson	10-8
5	R1-000314	25.214	050	2	Corrections to uplink power control	F	RP-000064	#11	3.1.1	3.2.0	Philips	11-2
6	R1-000089	25.214	055	-	Correction of Adjustment loop description	F	RP-000064	#11	3.1.1	3.2.0	NEC	11-24
7	R1-000266	25.214	056	1	Clarification of TPC command combining for Algorithm 1	C	RP-000064	#11	3.1.1	3.2.0	Philips	11-5
8	R1-000267	25.214	057	-	Clarification of TPC command combining for Algorithm 2	C	RP-000064	#11	3.1.1	3.2.0	Philips	11-4
9	R1-000431	25.214	059	2	CPCH: CD subslot-related additions to 6.2	F	RP-000064	#11	3.1.1	3.2.0	GBT	11-82
10	R1-000412	25.214	061	1	CPCH: editorial changes and clarifications of 6.2	F	RP-000064	#11	3.1.1	3.2.0	GBT	11-58
11	R1-000212	25.214	062	-	Editorial corrections	F	RP-000064	#11	3.1.1	3.2.0	NEC	11-105
12	R1-000353	25.214	064	1	Editorial improvement of the IPDL section	D	RP-000064	#11	3.1.1	3.2.0	Ericsson,	11-106
13	R1-000344	25.214	065	1	PRACH power offset definition	F	RP-000064	#11	3.1.1	3.2.0	Ericsson	11-69
14	R1-000372	25.214	066	1	Radio link synchronisation in UTRA/FDD	C	RP-000064	#11	3.1.1	3.2.0	Ericsson,	11-27
15	R1-000260	25.214	068	-	Definition for maximum and minimum DL power	B	RP-000064	#11	3.1.1	3.2.0	Nokia	11-14
16	R1-000430	25.214	069	4	Channel assignment and UE channel selection methods of CPCH	B	RP-000064	#11	3.1.1	3.2.0	Samsung	11-81
17	R1-000416	25.214	071	-	Channelization code allocation method for PCPCH message part	C	RP-000064	#11	3.1.1	3.2.0	LGIC	11-54
18	R1-000442	25.214	072	1	Limited power raise used -parameter in DL PC	B	RP-000064	#11	3.1.1	3.2.0	Nokia	11-115
19	R1-000319	25.214	080	-	Downlink power control	D	RP-000064	#11	3.1.1	3.2.0	Nortel	11-118
20	R1-000367	25.214	081	-	Editorial improvement on SSDT power control section	D	RP-000064	#11	3.1.1	3.2.0	Ericsson	11-107
21	R1-000409	25.214	082	2	Emergency Stop of CPCH transmission and Start of Message	B	RP-000065	#11	3.1.1	3.2.0	LGIC	11-50
22	R1-000422	25.214	083	-	Clean up of USTS related specifications	F	RP-000065	#11	3.1.1	3.2.0	SK	11-90

6. TS 25.215

No.	R1-Tdoc	Spec	CR	Rev	Subject	Cat	RAN#7	R1	Current	New	Source	Ref.
1	R1-000307	25.215	024	1	Definition of Transmitted carrier power	F	RP-000066	#11	3.1.1	3.2.0	Ericsson	11-110
2	R1-000042	25.215	025	-	Clarification of Observed time difference to GSM cell	F	RP-000066	#10	3.1.1	3.2.0	Ericsson	10-11
3	R1-000044	25.215	027	-	Naming of BER/BLER mapping	F	RP-000066	#10	3.1.1	3.2.0	Ericsson	10-12
4	R1-000045	25.215	028	-	Minor corrections in TS 25.215	F	RP-000066	#10	3.1.1	3.2.0	Ericsson	10-13
5	R1-000046	25.215	029	-	Re-definition of timing measurements	F	RP-000066	#10	3.1.1	3.2.0	Ericsson	10-19
6	R1-000448	25.215	030	2	Mapping of timing measurements	F	RP-000066	#11	3.1.1	3.2.0	Ericsson	11-112
7	R1-000048	25.215	031	-	Removal of note in Round trip time measurement	F	RP-000066	#10	3.1.1	3.2.0	Ericsson	10-15
8	R1-000249	25.215	033	1	Removal of fixed gap position in 25.215	C	RP-000066	#11	3.1.1	3.2.0	Nokia	11-17
9	R1-000342	25.215	036	4	Corrections to 25.215 compressed mode parameter list	F	RP-000066	#11	3.1.1	3.2.0	Nokia	11-19
10	R1-000438	25.215	037	3	Definition and range of physical channel BER	F	RP-000066	#11	3.1.1	3.2.0	Nokia,	11-70
11	R1-000309	25.215	040	-	Clarification of CPICH measurements in Tx diversity	F	RP-000066	#11	3.1.1	3.2.0	Ericsson	11-68
12	R1-000435	25.215	042	1	UTRAN RSSI measurement	F	RP-000066	#11	3.1.1	3.2.0	Nokia	11-77
13	R1-000332	25.215	043	1	UTRAN Propagation delay	B	RP-000066	#11	3.1.1	3.2.0	Nokia	11-60
14	R1-000447	25.215	044	2	Correction to sections: 5.1.15 UE GPS Timing of Cell Frames for	F	RP-000066	#11	3.1.1	3.2.0	Lucent,	11-111
15	R1-000348	25.215	047	-	Removal of RSCP measurement	F	RP-000066	#11	3.1.1	3.2.0	Nokia	11-61
16	R1-000407	25.215	048	-	UE BER measurement removal and clarification for use of uplink	C	RP-000066	#11	3.1.1	3.2.0	Nokia	11-62

7. TS 25.221

No.	R1-Tdoc	Spec	CR	Rev	Subject	Cat	RAN#7	R1	Current	New	Source	Ref.
1	R1-000135	25.221	003	2	Cycling of cell parameters	C	RP-000067	#10	3.1.1	3.2.0	Texas	10-34
2	R1-000076	25.221	011	-	Correction of Midamble Definition for TDD	F	RP-000067	#10	3.1.1	3.2.0	Siemens	10-29
3	R1-000096	25.221	012	-	Introduction of the timeslot formats for RACH to the TDD	D	RP-000067	#10	3.1.1	3.2.0	Nokia	10-16
4	R1-000097	25.221	013	-	Paging Indicator Channel reference power	D	RP-000067	#10	3.1.1	3.2.0	Nokia	10-17
5	R1-000376	25.221	014	1	Removal of Synchronisation Case 3 in TDD	F	RP-000067	#11	3.1.1	3.2.0	Siemens	11-108
6	R1-000228	25.221	015	1	Signal Point Constellation	F	RP-000067	#11	3.1.1	3.2.0	Siemens	11-36
7	R1-000415	25.221	016	-	Association between Midambles and Channelisation Codes	F	RP-000067	#11	3.1.1	3.2.0	InterDigit	11-40
8	R1-000439	25.221	017	-	Removal of ODMA from the TDD specifications	D	RP-000067	#11	3.1.1	3.2.0	Nokia	11-91

8. TS 25.222

No.	R1-Tdoc	Spec	CR	Rev	Subject	Cat	RAN#7	R1	Current	New	Source	Ref.
1	R1-000082	25.222	017	-	Corrections to TS 25.222	F	RP-000068	#10	3.1.1	3.2.0	Siemens	10-33
2	R1-000081	25.222	018	-	Refinements of Physical Channel Mapping	F	RP-000068	#10	3.1.1	3.2.0	Siemens	10-32
3	R1-000193	25.222	019	1	TFCI coding specification in TDD	F	RP-000068	#11	3.1.1	3.2.0	Siemens	11-34
4	R1-000160	25.222	021	-	Modification of Turbo code internal interleaver	B	RP-000068	#10	3.1.1	3.2.0	NTT	10-42
5	R1-000226	25.222	023	-	Update of TS 25.222 - clarification of BTFD for TDD	F	RP-000068	#11	3.1.1	3.2.0	Siemens	11-39
6	R1-000237	25.222	025	-	Change of TFCI basis for TDD	F	RP-000068	#11	3.1.1	3.2.0	LGIC	11-35
7	R1-000255	25.222	026	-	Padding Function for Turbo coding of small blocks	B	RP-000068	#11	3.1.1	3.2.0	Siemens	11-67
8	R1-000282	25.222	027	-	Editorial modification of shifting parameter calculation for turbo code	D	RP-000068	#11	3.1.1	3.2.0	LGIC	11-109
9	R1-000437	25.222	029	1	Editorial changes of channel coding section	D	RP-000068	#11	3.1.1	3.2.0	NTT	11-114

9. TS 25.223

No.	R1-Tdoc	Spec	CR	Rev	Subject	Cat	RAN#7	R1	Current	New	Source	Ref.
1	R1-000135	25.223	002	3	Cycling of cell parameters	C	RP-000069	#10	3.1.1	3.2.0	Texas	10-35
2	R1-000220	25.223	005	-	Removal of Synchronisation Case 3 in TDD	F	RP-000069	#11	3.1.1	3.2.0	Siemens	11-11
3	R1-000228	25.223	006	1	Signal Point Constellation	F	RP-000069	#11	3.1.1	3.2.0	Siemens	11-37

10. TS 25.224

No.	R1-Tdoc	Spec	CR	Rev	Subject	Cat	RAN#7	R1	Current	New	Source	Ref.
1	R1-000135	25.224	003	2	Cycling of cell parameters	C	RP-000070	#10	3.1.1	3.2.0	Texas	10-36
2	R1-000291	25.224	007	2	Clarifications on the UL synchronisation and Timing advance	D	RP-000070	#11	3.1.1	3.2.0	Nokia,	11-41
3	R1-000068	25.224	008	-	Modification of SIR threshold on setting TPC	D	RP-000070	#10	3.1.1	3.2.0	Interdigita	10-18
4	R1-000417	25.224	009	1	New section describing the random access procedure	F	RP-000070	#11	3.1.1	3.2.0	Siemens	11-64
5	R1-000220	25.224	011	-	Removal of Synchronisation Case 3 in TDD	F	RP-000070	#11	3.1.1	3.2.0	Siemens	11-12
6	R1-000380	25.224	012	1	Clarifications on power control procedures	D	RP-000070	#11	3.1.1	3.2.0	Siemens	11-63
7	R1-000228	25.224	013	-	Signal Point Constellation	D	RP-000070	#11	3.1.1	3.2.0	Siemens	11-38
8	R1-000389	25.224	014	2	Out-of-sync handling for UTRA TDD	B	RP-000070	#11	3.1.1	3.2.0	Nokia,	11-33
9	R1-000440	25.224	015	-	Removal of ODMA from the TDD specifications	D	RP-000070	#11	3.1.1	3.2.0	Nokia	11-92

11. TS 25.225

No.	R1-Tdoc	Spec	CR	Rev	Subject	Cat	RAN#7	R1	Current	New	Source	Ref.
1	R1-000124	25.225	004	1	Correction of CPICH measurements and 'RX Timing Deviation'	F	RP-000071	#10	3.1.1	3.2.0	Siemens	10-30
2	R1-000227	25.225	005	2	Editorial modifications to 25.225 Measurements for TDD	D	RP-000071	#11	3.1.1	3.2.0	Siemens	11-43
3	R1-000403	25.225	006	1	Corrections to 25.225 Measurements for TDD	F	RP-000071	#11	3.1.1	3.2.0	Siemens	11-86

Annex B Liaison Statement from RAN WG3

TSG-RAN Working Group 3 Meeting #11
Sophia Antipolis, France, 28th February – 3rd March 2000

R3-000980

To: RAN WG1
CC: RAN WG2
Title: Response Liaison to WG1 on radio link synchronisation
Source: RAN WG3
Document for: Information
Contact: Göran Rune
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RAN WG3 would like to thank RAN WG1 for the liaison statement on radio link synchronisation. This liaison statement contained two questions that RAN WG3 hereby would like to answer. The RAN WG1 questions are included below in Italics.

Question 1:

In particular, RAN WG1 would like to know if the use of the RL Restored procedure, moving from an initial state to the in-sync state to indicate when a radio link set first obtains synchronisation (cf. figure 1 in R1-00-0372), is in line with RAN WG3's assumed use of this procedure. Is the proposed use acceptable, or would it be better to specify a new procedure for this particular case?

RAN WG3 answer:

RAN WG3 would like to confirm that RAN WG3 has found the proposal where the Node B would report transition from the initial state to the in-sync state using the RL Restoration procedure acceptable. RAN WG3 has already undertaken the necessary changes by introducing a reference to the algorithm specified by RAN WG1 in TS25.214 (FDD) and TS25.224 (TDD), see the attached CR, R3-000944 (CR032r1 on TS25.433). This way of referring to the RAN WG1 specifications also applies for the reporting of out-of sync using the RL Failure procedure, see the attached CR.

Question 2:

Further, RAN WG1 also would like to point out that the parameter values of T_RLFAILURE, N_OUTSYNC_IND, and N_INSYNC_IND are assumed to be configurable using NBAP signalling. Is this in line with the RAN WG3 assumptions?

RAN WG3 answer:

RAN WG3 would like to confirm that RAN WG3 intend to include the above parameters as part of the NBAP signalling.

Finally, RAN WG3 would kindly like to ask RAN WG1 about the RAN WG1 opinion on suitable value ranges for the parameters T_RLFAILURE, N_OUTSYNC_IND, and N_INSYNC_IND.

R3-000944.doc had been attached.

Annex C Liaison statement from RAN WG2

**TSG-RAN Working Group 1 meeting No. 11
February 29 – March 3, San Diego, USA**

TSGR1-00-0459

TSG-RAN Working Group 2 (Radio L2 and Radio L3)
Torino, Italy, 28 February - 3 March 2000

R2-000637

Title: Response (to TSG-RAN WG1) to LS (R1-000400) on CPCH channel assignment and emergency stop procedure

Source: TSG-RAN WG2

To: TSG-RAN WG1

Cc:

Contact:

Jin-sung Choi
LG Information and Communications, Ltd.
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RAN2 thanks RAN1 for informing us the current status of the discussions about CPCH related issues together with the answers to our previous LS on CSICH broadcast information. WG2 will keep consistency with WG1 on these issues.

Regarding CPCH emergency stop command and the start of message indicator, WG2 has noted the discussion status in WG1 and currently WG2 is in line with WG1 on these issues, and has approved related CRs already. Also, WG2 informs WG1 that WG2 has no problem with the emergency stop procedure framework being dealt in WG1. However, regarding on when to execute emergency stop on UE side, WG2 decided that UE RRC makes the decision first and have UE L1 execute it. For your information, the sequences agreed within WG2 this week on these schemes are attached to this LS.

Another informative thing that WG2 would like to inform to WG1 is that the emergency stop command is sent from Node B L1 to UE L1 upon the request from Node B RRC using CPHY-primitive sent through the control SAP (not through transport channel). On UE side, upon the reception of this command, UE L1 notifies this to UE RRC using CPHY-primitive sent also through control SAP. Therefore, the transport channel does not play any role for this case.

WG2 would like to confirm that the maximum data rate should be kept in CSICH as required in the CA mode as indicated in the previous LS.

R2-000564.doc and R2-000565 had been attached. Please download R1-00-0459 from the server if you need these attachments.

Annex D Participants List

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