**Agenda Item:** -

**Source:** Secretary

**Title:** draft minutes

**Document for:**

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### Draft Minutes for 3GPP RAN-TSG 7th bis WG1 Meeting

Meeting start: October 4th, 1999

Day 1, start 9.00

### 1. Opening of the meeting
The chairman, Mr. Antti Toskala(Nokia), opened the meeting.

### 2. Approval of agenda (R1-99e44)
   Chairman presented the modified version of the agenda on the screen.
   Though some contributions were added to the schedule to be discussed in #7bis, agenda itself
   was approved with no comments.

## 3. Corrections to specification that have been raised on the reflector prior the meeting (necessary corrections to notation or figure, etc)

### 3.1  TS25.211 v.2.4.1  (Tdoc : R1-99e70)

The editor (Mr.Andreas Wilde )  made a presentation about the changes having been made to the previous version.

The changes were approved with one remark concerning the terminology.

( "Node B " should be replaced by " UTRAN access point " according to the  liaison statement from WG3. )

Text proposals discussed in relation to TS25.211

| No | Tdoc No. | Title | Source | Conclusion | Notes |
|----|----------|-------|--------|-----------|-------|
| 1 | R1-99e47 | Text Proposal of 1 Pilot Symbol Pattern for Downlink DPCH | LGIC | Approved | no comments |
| 2 | R1-99f00 | Proposal for update of Common Pilot Channel description in 25.211 | Ericsson | Approved | (*1) |
| 3 | R1-99f14 | Text Changes for 25.211 (revision of e79) | Philips | Partly Approved | (*2) |
| 4 | R1-99e83 | Text proposals for TS 25.211 and TS.25.214             ( TS 25.211 part ) | Nokia | Partly Approved | (*3) |
| 5 | R1-99e84 | Clarification of physical channel timing | Ericsson | Approved | (*4) |
| 6 | R1-99e92 | Clarifications to DSCH sections in 25.211 and 25.213    ( TS 25.211 part ) | Nokia | Partly Approved | (*5) |
| 7 | R1-99f02 | Text proposals for TS 25.211 V2.4.1 | Nokia | Partly Approved | (*6) |

(*1) Tx diversity issues (clarification on the common pilot in case of open loop) should be checked later on.)

(*2)  Changes in
-- 5.2.2.2.2 (**CPCH Access preamble part** ) approved with no comments
-- 5.3 (addition of "**5.3.4 Mapping of physical channels to carriers** " ) was postpone to N.Y. meeting.
- technical discussion should be needed
- this is not only WG1 issue ( we should also try to check the impact on WG2 TSs.)
This would be mentioned in the WG1 report to RAN.
-- 7.3 (**PRACH/AICH timing relations**) was approved  with no comments

(*3) Changes in
-- Table 9 in 5.3.1was approved with one remark that "7.5ksps" should be replaced by "SF512"
-- Figure 10  in 5.3.1.1.2 was approved with one remark that "Spreading code" should be replaced by  " Channelization code "
-- 5.3.2.1 was approved with one remark that "7.5ksps" should be replaced by "SF512"
-- 5.3.3.1 (**Common Pilot Channel** ) was not included.

(*4) Some more on T0 might  be needed to be discussed in the future.

(*5) Timing issues were not included because they had been covered in E84 already.

(*6) - Table 1 is for uplink, and the lined sentence " If TFCI bits are not used, then DTX shall be used in TFCI field" is for downlink.  Both approved without comments.
- Modification in code groups, {5.3.3.4 (last sentence in second paragraph below the Figure 18 )} was already covered.  Not included.
- Modification in 5.3.3.3 (second sentence in paragraph below the Table 16) regarding signaling on BCH for FACH/PCH addition/removal was not included.
(As to the radio frame corresponding to a certain transport format combination of the FACHs and/or PCHs, we have to check WG2 specifications.)
- Modification regarding DSCH {5.3.3.5.1 (second sentence in last paragraph )} was already covered by e92. Not included.

## 3.2 TS25.212

Text proposals discussed in relation to TS25.212

| No | Tdoc No. | Title | Source | Conclusion | Notes |
|----|----------|-------|--------|------------|-------|
| 1 | R1-99c54 | Blind rate detection for AMR speech transmission     (*1) | NTT DoCoMo | Approved | no comments |
| 2 | R1-99e80 | Text Changes for 25.212 | Philips | Approved | no comments |
| 3 | R1-99e96 | Harmonization of notation for 3.2, 4.2.2.2, and 4.2.3 of TS25.212 v2.2.0 | Nokia | Approved | (*2) |
| 4 | R1-99f32 | Text proposal for corrections in the RM sections        (revision of e61) | Mitsu-bishi | Approved | (*3) |
| 5 | R1-99f07 | Proposed CPCH-related insertions to 25.212 | GBT | Approved | no comments |

(*1) Text proposal agreed in Ad HocH 4 but not treated yet.
(*2) This proposal should be applied to both TS25.212 and TS25.222.
(*3) Notation should be applied to both TS25.212 and TS25.222


## 3.3 TS25.213 v.2.3.0 (Tdoc : R1-99e49)

Mr. Joern Krause on behalf of the editor made a presentation about the changes having been made to the previous version.

The changes were approved but there were following two remarks.

4.3.1     Notation of $c_{SF, Code No.}$ should be replaced by $C_{ch, SF, Code No.}$

4.3.3.1.2  The sentence "The long code in-phase component is used directly on both in phase and quadrature branches without offset between branches" should be removed because this is not referred in the section.

Text proposals discussed in relation to TS25.213

| No | Tdoc No. | Title | Source | Conclusion | Notes |
|----|----------|-------|--------|------------|-------|
| 1 | R1-99e59 | Clarification of RACH preamble generation | Ericsson | Approved | (*1) |
| 2 | R1-99f15 | Text Changes for 25.213 (revision of e81) | Philips | Approved | no comments |
| 3 | R1-99e89 | Proposal for removal of "sync BTS" search code | Ericsson | ---- | Already covered |
| 4 | R1-99e92 | Clarifications to DSCH sections in 25.211 and 25.213    ( TS 25.211 part ) | Nokia | Approved | no comments |
| 5 | R1-99e97 | The figure for uplink long scrambling codes TS25.213v2.3.0 | Nokia | Approved | no comments |
| 6 | R1-99e98 | Text proposal for downlink long scrambling code of TS25.213 v2.3.0 | Nokia | Approved | (*2) |
| 7 | R1-99e99 | Fixed channelization codes for AICH and PICH TS25.213v2.3.0 | Nokia | Postponed to N.Y. | (*3) |
| 8 | R1-99f06 | Proposed editorial modifications to 25.213 (CPCH Sections) | GBT | to be revised | (*4) |

(*1) Only technical contents in 4.3.3.1.1 should be reflected in 25.213.
(*2) In the definition of Xn, modulo$2^{18}$ should be retained.  (should not be deleted taking into account of the case in which n is quite big).
(*3) What it the Primary AICH ? Secondary ?
    ( Channelization code for the AICH is related to the scrambling code for the RACH. )
     Answer would be provided in New York.
(*4)

### 3.4  TS25.214 v.1.3.1  (Tdoc:R1-99e45)

The editor ( Mr.Takehiro Nakamura ) made a presentation about the changes having been made to the previous version.

(Chairman's comment)

Section 6.2 CPCH Access Procedures would be discussed afterwards separately still on this meeting.

The changes were approved but there were following two remarks.

- 4.4 PRACH synchronization  and  4.6 PCPCH Synchronization are the same text and would be replaced by the text proposal of R1-99e82 (Ericsson) if it was approved.
- Chairman raised the question regarding the Random Access Procedure (Section 6.1.7 and 6.1.7.2 concerning  the signature). In relation to this question, Mr. Fredrik Ovesjo made a comment that Ericsson would probably provide the new text proposal for the Random Access Procedure in the next RAN1 meeting though the validity of its assumption  itself was not sure at this moment and he also pointed out that the whole Random Access Procedure section would possibly be replaced.

Text proposals discussed in relation to TS 25.214

| No | Tdoc No. | Title | Source | Conclusion | Notes |
|----|----------|-------|--------|------------|-------|
| 1 | R1-99e58 | Text proposals for 25.214 V1.3.1 | Ericsson | Approved | no comments |
| 2 | R1-99e82 | Text Changes for 25.214 | Philips | Approved | no comments |
| 3 | R1-99e83 | Text proposals for TS 25.211 and TS.25.214                ( TS25.211 part ) | Nokia | Approved | (*1) |
| 4 | R1-99f01 | Power reference for AICH and PICH | Ericsson | Postponed to AdHoc9 | needs discussion |
| 5 | R1-99f29 | SSDT text update for R99 | NEC & Telecom MODUS | Approved | no comments |
| 6 | R1-99f16 | Text proposals for Closed loop transmit diversity mode 2 to TS.25.214 | Motorola | Approved | no comments |

(*1) - 4.4 was already addressed in R1-99e58.

(- Comment was made to the second paragraph of the 8.2.3.1.  Downlink in compressed mode and uplink in normal mode.

How can we continue to calculate the phase adjustments based on the received CPICH from antennas 1 and 2 under the condition that  when we are in downlink compress mode and still in uplink  normal mode, we are to stop receiving ?  )

( We can possibly use the pilot and keep that estimation. This paragraph should be kept.)

### 3.5  TS25.221 v.2.0.1  (Tdoc:R1-99e65)

The editor ( Mr. Joern Krause ) made a presentation about the changes having been  made to the previous version.

Approved with no comments.

### 3.6  TS25.222 v.2.2.0  (Tdoc:R1-99e66)

The editor ( Mr. Jussi Kahtava ) made a presentation about the changes having been  made to the previous version.

Approved with no comments.

### 3.7  TS25.223 v.2.3.1  (Tdoc:R1-99e91)

The editor ( Mr. Kenji Ito ) made a presentation about the changes having been  made to the previous version.

Approved with no comments

### 3.8 TS25.224 v.2.0.1 (Tdoc:R1-99e67)

The editor ( Mr. Stefan Oestreich ) made a presentation about the changes having been made to the previous version.

In addition to the editorial changes, the definition of the parallel code channel power was modified.

Approved with no comments

## 4.Inputs for open items in TS 25.212
### 4. 1 Uplink slotted mode slot structure

| No | Tdoc No. | Title | Source | Conclusion | Notes |
|----|----------|-------|--------|------------|-------|
| 1 | R1-99e86 | Compressed mode | Ericsson | Partly Approved | (*1) |
| 2 | R1-99e90 | Uplink Compressed Mode Frame Format | Mitsu-bishi | Not approved | |
| 3 | R1-99e93 | Uplink Compressed Mode slot structure | Nokia | Not approved | |
| 4 | R1-99e94 | Text proposal for section 4.4 in TS25.212 on compressed mode | Mitsu-bishi | Partly Approved | (*2) |
| 5 | R1-99f31 | Text proposal to TS 25.212 for Implementation of compressed mode in the IL & MUX chain | Mitsu-bishi | Postponed to WG1#8 | |

(*1)

( Chairman's conclusion )

We are now regarding slot structure itself.  There is a slight deference between the papers from Nokia / Ericsson and complex paper from Mitsubishi. In Nokia and Ericsson  papers, when the uplink is ended, it ends for n full slots. Uplink and downlink are a little bit in offset to each other. In the Mitsubishi proposal, it propose to add some extra symbols there (that is the pilot, in this case)  mainly to make this uplink and downlink more than a bit time. When the different parties submit discussing , we need this kind of mediate proposal of  the  Mitsubishi alternative.  Some clarification for the actual benefit with the additional slot structures from the Mitsubishi proposal should be needed.

As a conclusion for the slot structure, the principles contained in Nokia/Ericsson papers would be adopted for the specifications and then we expect to see in WG1#8 more detailed proposals from Mitsubishi about what additional we need for the slot performance to include that one as well.

Adding this, Ericsson 's text proposal is rather complete, contains pictures as well as definitions for this fields in different place. So we would take it as basis for this slot structure and then maybe we need a few works to discuss other parts of Ericsson paper regarding mapping of the TFCI, etc. For these other parts of text proposal (R1-99e86) still need to be discussed.

In R1-99e86,

Sections starting 4.4 Compress mode were approved.  As to the preceding sections, thedownlink parts were not agreeable and further discussions should be need.  Rate matching section for was also approved only  for uplink.

(*2) Changes were approved except the equations in Method A and  Method B in 4.4.2. These should not be included  for the time being. Method A2 would be removed to items not included for Release99.

## 5. Inputs for open items For 25.214
## 5.1 Ad Hoc 9 session
### Separate Agenda has been provided by the Ad Hoc 9 Chairman

### 5.1.1 Approval of agenda

Ad Hoc 9 Chairman (Ms. Evelyne Le Strat )  made presentation of the agenda on the screen.
Agenda was approved with no comments.
*<Note> Refer the Agenda attached to this minutes.*

**Agenda Item**   CCH/DPDCH Power difference
  **Tdoc R1-99e85**    Setting of uplink DPCCH and DPDCH power difference
                          Source : Ericsson

Approved.
     Under the condition that WG2 specification includes transmission of the transformer information for the RACH and all this information will be available on the DCCH, chairman agreed to the text proposal

**Agenda Item**   Uplink inner loop power control in normal mode in soft handover

  -**Tdoc R1-99e73**    Algorithm 2 power control in soft handover
                          Source : Philips
   No comments raised.

  - **Tdoc R1-99d65**   Text proposal for power control in soft handover
                          Source : Philips, Nortel
  Approved with no comments

  ( Tdoc R1-99f03 did not exist. )

 **Agenda Item**  Uplink inner loop power control in compressed mode not in soft handover

  -**Tdoc R1-99c24**   Comparison between algorithms with fixed and adaptive recovery
                          period for fast power control in compressed mode
                          Source : Alcatel
    - Mr. Tim Moulsley (Philips) pointed out that this text proposal made mistake in updating
      previous text proposal.    (It is not correct to call TGL slots as the recovery period.)
      He also pointed out that this text proposal was related to the earlier version of specifications
    - TGL should be RPL.
    - 3rd paragraph which begins with "After After the recovery period the ordinary power--- " is the
      repetition of the table 1, and should be removed.

  Even though this needs some modification and correction, technical contents should be
  clarified. We agreed on the principle. We would review this text proposal in the plenary.

  -**Tdoc R1-99e75**   Proposal for power control in compressed mode
                          Source : Philips
  Approved.
   (One question was made by the chairman as to the Table1 Mode1, but it was answered.)

  -**Tdoc R1-99e74**   Proposal for initial transmit power level after transmission gap in
                          compressed mode
                          Source : Philips
  Approved.

**Agenda Item**    Liaisons from other groups

-**Tdoc R1-99f67**    LS on Slow TPC  (from WG2)
Text concerning Slow TPC would be removed to the item list not included for Release99
(Technical Report R1.03) with the text proposal R1-99c00.
WG1 chairman would inform WG2 chairman about this change.

**Agenda Item**    Downlink inner loop power control for FDD
Postponed to N.Y. meeting.


Day 2 (October 5th)

## 5.2  CPCH procedure in 25.214
## Relevant papers to reach agreement to the text in 25.214 on CPCH

Chairman's comment
Our aim is to discuss following text proposals in relevant to CPCH procedure in TS25.214 and make this part of
TS25.214 into such a shape that fits for submission to RAN as version 3.0.0.

**Tdoc R1-99f96**   Summary of Ad Hoc 14 E-mail discussions
Summary of Ad Hoc14 E-mail discussions was briefly overviewed in terms of RACH sub-
channel before moving on to the following text proposals.

Text proposals discussed in relation to CPCH

| No | Tdoc No. | Title | Source | Conclusion | Notes |
|---|---|---|---|---|---|
| 1 | R1-99f04 | Proposed text changes to  25.211 (CPCH sections) | GBT | Approved | Some modifications are needed.   (*1) |
| 2 | R1-99f05 | Proposed text modifications  to  25.214  to include sub RACH-channel scheme to CPCH | GBT | Not Approved | (*2) |
| 3 | R1-99f30 | CPCH access procedure, proposal for change of 25.214- version | Nortel | Not Approved | (*3) |
| 4 | R1-99b36 | Performance of CPCH | Philips | ---- | (*4) Not a text proposal |
| 5 | R1-99b13 | Enhanced CPCH with Channel Assignment | Samsung Philips | Approved | (*5) |

(*1) - The change to 5.2.2.2.2  *CPCH access preamble part*  was already made by the philips paper.
- 5.2.2.2.4 *CPCH power control preamble part*    The table added was approved with no comments.
- 5.2.2.2.5 *CPCH message part*  Newly added portion in the second paragraph should be moved to
downlink section (5.3.2).
SF in Table would remain as 512 for the time being.
- 7.4    *PCPCH/AICH timing relation*    Time should be expressed by the chip values instead of
millisecond.
(*2) - Notel (R1-99f30) and GBT(R1-99f05) had been working on trying to align text for the same
section (6.2 in TS25.214) over the last 3 weeks. This morning after the local discussion, GBT
came to an conclusion that they would withdraw their release.
(*3)  Big discussion was made as to the CPCH access preamble and CPCH collision detection resource
setting in terms of scrambling code/signature and access sub-channels.
Finally, chairman suggested to merge Nortel and GBT contributions.
(*4)  Mr. Tim Moulsley (Philips) explained the analytical results for performance of CPCH on the
screen. Various alternatives were compared in terms of number of access attempts and average
delay.
- If we have a fading case which results in failure in the CPCH protocols that will simply add
extra re-transmissions and delay. We do not include that here. What we present here is
effectively best AICH performance.

- Can this be WG2 issue ?
    Access / allowing access is a resource managing issue.
- There are various assumptions made, to be sure,  but the basic shapes of the result will not
    be affected by changing such assumptions or parameters.

(*5)  In this proposal, the channel assignment is provided by the physical channel, and there is no
    corresponding transport channel. Though this is a good idea in terms of performance and delay ,
    should the channel assignment / resource management be the WG2 issue ?
    < Conclusion > This proposal should be included in the specification, but, as this would be done
                by the  node B, we need to be careful with WG2. We can not conclude at this
                moment . We should have WG2 on this issue. The liaison statement would be
                needed in addition to the chairman's report in order to get the feedback.
                This issue would be discussed further in the New York meeting.


## CPCH Monitoring
  Chairman suggested to overview what are the different proposals there before RAN.
  10 minutes presentations were made for following CPCH monitoring part.

Contributions discussed in relation to CPCH monitoring part  (10 minutes presentation)

| No | Tdoc No. | Title | Source | Conclusion | Notes |
|---|---|---|---|---|---|
| 1 | R1-99f44 | Idle-AICH for CPCH | GBT | ---- | (*1) |
| 2 | R1-99f83 | Text proposal for transmission of CPCH status information on DL-DPCCH | LGIC | ---- | (*2) |
| 3 | R1-99b38 | Status information for CPCH | Philips | ---- | Not presented due to the lack of time |
| 4 | R1-99e78 | Proposal for CPCH Status Monitoring | Philips | ---- | (*3) |

(*1)
(*2) Complementary proposal of GBT's idle AICH.
(*3) Use unused bits on the acquisition  indicator channel for the information of the availability of the
     CPCH channels.
    (Chairman's comment)
    We agree that we should do some monitoring to improve performance.
    The first one is to have another physical channel which uses the empty spaces on the same code that
    is used by acquisition indicator channel, the 2nd approach is to use separate idle acquisition indicator
    and  the 3rd proposal is to use associated dedicated channel in the downlink for CPCH.
    At this point we can not expect consensus. This is something we hope we can solve on the next
    meeting.

### 5.3 Status of gated transmission on control only substate. Liaison from RAN WG2 (Tdoc R1-99F65).

(Chairman's comment)
    The answer for this Liaison Statement is not necessary now because WG2's meeting will be after our New York meeting. Though we have Mitsubishi proposal for this issue, it was late submission and we need more time. We would discuss the details in New York.

    Relevant contributions
    - R1-99f77   A clarification on DPCCH gated transmission  : Samsung
    - R1-99f78   EMC Test in Gated Transmission of DPCCH   : Samusng
    - R1-99f79   Text proposal on section 7.1 in TS 25.214        : Samsung
    - R1-99f80   Random Gating Pattern for Uplink DPCCH Gated Transmission : Samsung
    - R1-99f43   Reducing EMC problem in uplink DPCCH Gated mode  : Mitsubishi

    R1-99f78 was presented on the screen.
    EMC problem with the hearing aid (noise) was demonstrated.

(Chairman's comment)
    We would not have this into the version submitted to RAN because there are issues which need to be discussed.  We will come back to this in the New York meeting. If we get consensus in N.Y. then we should incorporate this with CR.
    I will report to RAN that WG1 is still studying this issue and not yet reached an agreement.
    and WG1 will continue to effort on this issue.

### 5.4 Status of reverse link synchronous transmission. (Tdoc R1-99D45)

| No | Tdoc No. | Title | Source | Conclusion | Notes |
|----|----------|-------|--------|------------|-------|
| 1 | R1-99e68 | Uplink Synchronous Transmission Scheme | SK Telecom | Approved | (*1) |

(*1) Text proposal suggests that all the terminal in the cell would be using this technique. If not then there would be mixed terminals, some synchronous and some not synchronous in the cell. What exactly is pre-required ?
→ There is the broadcasting information. Though it requires some modification in layer2 and layer3 specification, using this broadcasting information,  terminals can know whether USTS are supported or not.
(Conclusion)
    We should include the statement " not a baseline implementation capability ".

## 6. Inputs for measurements in  25.215 & 25.225
## 6.1 TS25.215 v.0.1.1  (Tdoc:R1-99f99)
Drafting group made a presentation about the changes having been made to the previous version.

It was pointed out that there was the problem in terminology. (with regard to LCS)
Changes were approved.

Text proposals discussed in relation to TS 25.215

| No | Tdoc No. | Title | Source | Conclusion | Notes |
|----|----------|-------|--------|------------|-------|
| 1 | R1-99f81 | Monitoring of TDD from FDD with prior timing informtion (for TS25.213) | Nokia | Approved | no comments |
| 2 | R1-99e87 | Definition of measurements in UTRA/FDD | Ericsson | Approved | (*1) |
| 3 | R1-99e88 | Timing measurements in UTRA/FDD | Ericsson | Approved | (*2) |
| 4 | R1-99f12 | Physical CH BER on DPCCH in UTRA/FDD | Ericsson | Approved | |

(*1)  - The connection with transport channel block error rate and CRC should be mentioned.
    - Block Error Rated estimation available in idle mode should be on PCH.
    - 6.1 row of Ec/No should be removed.
    - 6.2.4  one channelization code → one scrambling code and one channelization code
(*2)  6.1 Table column of  "interfrequency" should not be removed.

## ( 5.2)  CPCH procedure in 25.214
## Relevant papers to reach agreement to the text in 25.214 on CPCH

Tdoc R1-99g03 *CPCH access procedure for change of 25.214*
Source : Nortel Networks and Golden Bridge Technology
<Note>
    In A.M. session,  two different contributions concerning section 6.2 of TS25.214 were discussed. R1-99f05 from Golden Bridge and R1-99f30 from Nortel suggested different changes to incorporate access slot subchannels for CPCH access.  This proposal represents the result of discussions to merge the above two contributions.

This contribution was Approved.
(editor's note  below sec6.2 should be removed.)

## 7. Approval of the changes in 25.2-series

## 7.1 Text proposals

| No | Tdoc No. | Title | Source | Conclusion | Notes |
|----|----------|-------|--------|------------|-------|
| 1 | R1-99g00 | Text proposal for inner power control in compressed mode (rev.of R1-99c52) | Alcatel | Approved | no comments |
| 2 | R1-99g04 | Proposed editorial modifications to 25.213 (CPCH Sections) | GBT | Approved | no comments |
| 3 | R1-99f97 | Text proposal for PRACH/PCPCH spreading | Ericsson | Approved | no comments |

## 7.2 Approval of the changes in 25.2-series

All TSs were approved with some modifications.

| No | Disccused Tdoc No. | Title | RAN Tdoc No. | Notes | V3.0.0 Tdoc No. |
|---|---|---|---|---|---|
| 1 | R1-99e16 | TS 25.201 v2.3.0 | RP-99526 | Already discussed in RAN1 #7 | RP-99586 |
| 2 | R1-99f82 | TS 25.211 v2.4.2 → v2.5.0 | RP-99475 | Revised to R1-99g08 | RP-99587 |
| 3 | R1-99g02 | TS 25.212 v2.2.1 → v2.3.0 | RP-99476 | Revised to R1-99g09 | RP-99588 |
| 4 | R1-99f93 | TS 25.213 v2.3.1 → v2.4.0 | RP-99477 | Revised to R1-99g14 | RP-99589 |
| 5 | R1-99g05 | TS 25.214 v1.3.2 → v2.0.0 | RP-99478 | Revised to R1-99g13 | RP-99531 |
| 6 | R1-99g06 | TS 25.215    → v2.0.0 | RP-99479 | Revised to R1-99g12 | RP-99590 |
| 7 | R1-99f89 | TS 25.221 v2.1.0 | RP-99480 | No modification made | RP-99591 |
| 8 | R1-99f85 | TS 25.222 v2.2.1 → v2.3.0 | RP-99481 | Revised to R1-99g10 | RP-99592 |
| 9 | R1-99f90 | TS 25.223 v2.4.0 → | RP-99482 | No modification made | RP-99593 |
| 10 | R1-99f91 | TS 25.224 v2.1.0 | RP-99483 | No modification made | RP-99594 |
| 11 | R1-99f92 | TS 25.225 v0.1.1 → v2.0.0 | RP-99484 | Revised to R1-99g11 | RP-99595 |
| 12 | R1-99e40 | TR R1.03 v0.1.0 | RP-99527 | Not discussed | ---- |

## 8. WG1 Chairman's report  (RP-99474)

Chairman made brief presentation of the *WG1 Chairman's Report to RAN*

## 9. Liaison statements identified that need to be sent out prior October 13th & have been provided prior the meeting on the reflector.

| No | Discussed Tdoc | To | Title | Source | Approved Tdoc | Notes |
|---|---|---|---|---|---|---|
| 1 | R1-99g07 | RAN WG2 | Proposed liaison statement on Channel Assignment for CPCH | Samsung | R1-99g07 | Approved with no comments  (*1) |
| 2 | R1-99f98 | RAN WG2 | Draft LS on contents of measurement control RRC messages | Ad Hoc | R1-99g18 | (*2) |
| 3 | R1-99e12 | RAN WG3 | Draft Liaison Statement on the measurement of the Physical channel BER as UL Quality estimate | Philips | R1-99g19 | (*3) |

(*1) Approved Tdoc number will not change because the title and source are already written in due form.

(*2) - "**TDD to TDD handover measurements"** should be add to the item of "**FDD to TDD handover measurements on other frequencies**" because the same in formation is needed for TDD to TDD handover measurements.

- "The cell ID number. This may not be necessary if the scrambling code is known, and certain assumptions can be made about the cell planning." should be removed because  in WG2 specs they have certain assumption that they do not need cell ID, they use scrambling code.

- "from TS. 25.225" should be appended to "RAN WG1 has already as a consequence of this liaison statement removed the information below from TS 25.215

(*3)  "It should be noted that WG1 specifications are expected to cover the range of such kind of measurement  but not the resolution to be used." should be added.

## 10. Closing

WG1 #7bis meeting was closed at 21:00 October 5th.

## Annex  Participants List

| Name | Company |
| --- | --- |
| Antti Toskala | Nokia |
| Jussi Kahtava | Nokia Mobile ommunicationsK.K. |
| Katsuhiko Hiramatsu | Panasonic |
| Bourendu Saram | Nortel Networks |
| Pascal Agin | ALCATEL |
| Nicola Pio Magnani | CSELT |
| Hideshi Murai | Mitsubishi ElectricCorporation |
| Karin Zickermann | Golden Bridge Technology |
| Kourosh Parsa | Golden Bridge Technology |
| Emmanuel Kanterakis | Golden Bridge Technology |
| Joe Kwak | Golden Bridge Technology |
| Ian Corden | Lucent Technologies |
| Richard Burbidge | Motorola |
| D'AVELLA Renato | ITALTEL Spa |
| Takashi Mochizuki | NEC |
| Nobutaka Okuyama | LSI Logic |
| Belaiche Vincent | Mitsubishi |
| Choi Hokyu | Samsung Electronics |
| Younsun Kim | Samsung Electronics |
| Hyunwoo Lee | Samsung Electronics |
| Hichan Moon | Samsung Electronics |
| Sungoh Hwang | Samsung Electronics |
| Ikeda Shinobu | ETSI |
| Young-Joon Song | LGIC |
| Kenji Ito | Siemens K.K. |
| Yutaka Asanuma | Toshiba |
| Hiroshi Komatsu | JAPAN TELECOM CO.LTD |
| Hiroshi Katsuragawa | OKI Electric Ind. |
| Joern Krause | Siemens AG |
| Fredrik Ovesjo | Ericsson LM |
| Kuniyuki Suzuki | Mitsubishi Electric Corporation |
| Katsutoshi Itoh | SONY |
| Tim moulsley | Philips Research Laboratories |
| Fredrik Ovesjo | Ericsson LM |
| Karin Zickermann | Golden Bridge Technology |
| Kourosh Parsa | Golden Bridge Technology |
| Emmanuel Kanterakis | Golden Bridge Technology |
| Joe Kwak | Golden Bridge Technology |
| Prem Sood | Sharp Labs of  America |
| Rudolf, Marian | Mitsubishi Electric Ite |
| Jussi Kahtava | Nokia Mobile Communications K.K. |
| Hidetoshi Suzuki | Panasonic |
| Otto Lehtinen | Nokia |
| Hiroshi Komatsu | JAPAN TELECOM CO.LTD |
| Peter Stahlfjall | Ericsson Radio Systems AB |

| Name | Company |
|---|---|
| Andreas Wilde | Nippon Ericsson |
| Benabdallah Nadia | Omnitel Pronto Italia |
| Kenji Ito | Siemens K.K. |
| Masayuki Ikeda | Seiko Epson Corporation |
| Joern Krause | Siemens AG |
| Ju-Sang Kim | Hyundaei Elc. Inc. co.Ltd. |
| Jae-Yong Lee | Hyundaei Elc. Inc. co.Ltd. |
| Sung-ho Cho | Hyundaei Elc. Inc. co.Ltd. |
| Min-Soo Jang | Hyundaei Elc. Inc. co.Ltd. |
| Kumpamaki Timo | Sonera Ltd. |
| Yutaka Asanuma | TOSHIBA |
| Hee Sun Cho | Samsung Electronics |
| Sung Bok Park | Samsung Electronics |
| Kyung Ha Lee | Samsung Electronics |
| Oestreich Skfan | Siemens AG |
| Schuff f.necker | France Telecom |
| Koichi Harada | DoCoMo Europe |
| Spase Drakul | STMicroelectronics NV |
| Hyu-Soo JIN | Korea Telecom Corp. |
| Kyoung-Won MIN | Korea Telecom Corp. |
| One-Hak JANG | Korea Telecom Corp. |
| Chang-Joo KIM | ETRI |
| Kyung-Hi CHANG | ETRI |
| Serge Willenegger | QUALCOMM Europe |