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Agenda Item:	**plenary**
Source:	**Ad-Hoc 14**
Title:	**Ad-Hoc 14 meeting report**
Document for:	**Approval**

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Thirty two contributions were submitted to the AH14 meeting. 14 contributions were treated during the 5 hour meeting. The approved agenda is shown in Appendix A.

1.   Proposed texts from the previous WG1 meetings for R'99:

There were 5 text proposals from the Espoo WG1 meeting which were conditionally agreed by AH14 pending the incorporation of some changes. These documents received priority due to their current status.

A.   Proposed texts for CPCH

These three documents had been treated in detail in Espoo's Ad-Hoc 14 meeting. Ad-Hoc 14 members had suggested some modifications and deletions. GBT was to incorporate the changes and propose it to the closing plenary in Espoo. Due to lack of time, the treatment of this paper was postponed to the opening plenary in Hannover. The opening plenary had decided to remand this contribution along with 2 other contributions on DSCH, and DPCCH Gating to Ad-Hoc 14.

Proposed text for CPCH (25.214)– A73

GBT had incorporated the proposed modifications from the previous meeting and had submitted the document to the AH14 reflector. GBT stated that all references to 256 chips for the preamble will be taken out. There were no detailed technical comments on this document.

Discussion:

GBT moved to recommend this document for approval to the plenary. Philips suggested that we hold off approval until the new contributions are treated as well. GBT argued that these contributions constitute the skeleton and basic structure of the CPCH which became working assumption in the Cheju WG1 meeting. Furthermore, GBT stated that the most of the new contributions are enhancements and additions on top of the existing CPCH access method.   After some discussions, Bell South proposed to move forward with the text to the plenary for approval and there was no objection to that

Conclusion: The editorial changes that were suggested by Ad-Hoc 14 should be incorporated. It was agreed that the document be presented to the plenary for approval.

Proposed text for CPCH (25.211)– B93

All references to ms in te timing diagrams should be changed to chips
Figure 2 should be removed since it is in the specification document.
The section on the AICH structure should be updated.

The reference to the 10 ms power control preamble in Figure 30 should be put in bracket to indicate that the duration of the power control is still ffs.

All suggestions were noted and there was no objection to move the text forward to the plenary.

Conclusion: The editorial changes that were suggested by Ad-Hoc 14 should be incorporated. It was agreed that the document be presented to the plenary for approval.

Proposed text for CPCH (25.213)– C66

This document was presented by GBT. GBT had changed the document to reflect the latest changes in RACH. No editorial changes were proposed to this.

Conclusion: AH14 recommends approval of the text proposal by the plenary.

B.   Proposed texts for DSCH

Nokia : Proposed text for DSCH – A29
This document had been treated in the Espoo AH14. The group had agreed to the proposed text pending incorporation of a code tree figure. Nokia presneted the text. After some discussion, it was agreed that the figure should not be included in the text. AH14 recommends approval of this text proposal by the plenary.

C.   Proposed texts for DPCCH gating

Liaison statement from WG#4 – A90, B78

The liason statements with regards to DPCCH gating from RAN WG4 and T EMS were presented by Samsung. These liason statements stated that if possible gating should be avoided. There was some a long discussions on the issue. It was decided to treat the DPCCH gating and make a decision on the status of the proposal rather than making a decision based on the liason statements.

Samsung/Motorola/NTT Documo: Proposed text for Gated Uplink+Fast Initialization – c81

This document was presented by Samsung.

Conclusion: The use of DPCCH gating became a working assumption. However, the rapid intialization portion of the text was agreed to in AH14. So AH14 recommended the text proposals be presented to the plenary for approval. There should be an editor's note stating that the DPCCH Gating is a working assumption.

2.   Liason from other groups
3.   E-mail summary

R1-99b76 (AH14 co-chair)
This document was presented by the AH14 chair for information.

Samsung on DPCCH gating (E-mail summary)
This document was not presented since the discussion on the proposed text had already taken place.

4.   Contributions with proposed texts for release 99

5a. DSCH
5b. CPCH

GBT: Slot mapping for CPCH - b73
This document was presented by GBT.

Conclusion: There was an agreement in AH14 that the text should not be taken and the basic approach for Service Access Classes in RACH should be taken for CPCH if possible.

GBT: CPCH Tables - b72

This short contribution was presented by GBT. This contribution recommended inclusion of two tables describing the DPDCH and DPCCH fields and attributes for CPCH. Since these tables were identical to the dedicated phyiscal channel case, it was agreed that only references to these tables should be made. GBT was asked to provide a sentence referencing these tables in their "proposed CPCH-related text insertions

GBT:TFCI for CPCH - b71

This contribution recommended the use of TFCI for CPCH and removal of the note indicating "Use of TFCI for CPCH is ffs" in the proposed text for 25.211.

This recommendation was agreed to by AH14.

Hitachi: Method to control CPCH Access Control Probability – c02

Preamble transmission probabilities be broadcast by Node B for congestion control as well as interference reduction due to transmission of excessive preambles. There was a long discussion on this topic. Some doubt on throughput delay performance improvement was expressed by Samsung which requested some simulations from Hitachi. GBT indicated that there is a discussion on back-off mechanisms for CPCH in WG2 reflector and this issue might be raised in that venue. Also, it was stated that use of PV for CPCH is also agreed to in WG2 and is part of the specifications.

Conclusion: It was concluded that this document be taken to WG2 since it is related to congestion control. However, if this was accepted by WG2, then the use of PICH for transmission of the probabilities in WG1.

LGIC: Transmission of CPCH Status Information on DL-DPCCH –b55

This contribution recommended use of DL-DPCCH (TFCI field) to transmit availability of CPCH channels to each user. It was argued that this will make the UE knowledge complete and improves the CPCH throughput delay performance.

Conclusion: Since this contribution was related to two other improvement proposals by GBT and Samsung/Philips. It ewas decided to delay decision until the other two contributions and the corresponding two evaluation/simulation papers were treated first.

The following contributions were not treated due to lack of time. Ad-Hoc 14 requests more time on Friday to treat these contributions.

Samsung/Philips: Enhanced CPCH with Channel Assignment – B13
Samsung: Perfromance of CPCH with Channel ASsignment - B92
Philips – Performance of CPCH – B36
Samsung/Philips – Text proposal for CPCH Channel Assignment – D57
GBT: CPCH simulations to support idle-AICH and use of TFCI – B77

Philips: Enhanced CPCH with status monitoring and code assignment – B37
Philips: Status information for CPCH – B38
Philips: Benefits of packet header for CPCH – B39
Philips: Dynamic allocation of AP signatures for CPCH – B40

LGIC: 2 papers

TSGR1#7(99)b54: The Secondary Collision Detection for CPCH
TSGR1#7(99)c60: The Timing of the Secondary Collision Detection for CPCH

ITRI: 3 papers
Below are the requested documents numbers and titles:
  R1-99b03: MAC Procedures for CPCH
  R1-99b95: Support of MAC Procedures for CPCH in the
Physical Layer
  R1-99b96: Questions & Answers of CCL/ITRI's MAC
Procedures for CPCH

Proposed texts for FAUCH
Philips: Fast L1 ACK for FAUSCH – B35
Contributions aimed for R2000
GBT: Proposed text and discussion of Firm Handover over CPCH – B77

Ad-hoc 14 agenda

5. Approval of agenda
6. Proposed texts from the previous WG1 meetings for R'99:

D. Proposed texts for CPCH

Proposed text for CPCH (25.214)– A73
Proposed text for CPCH (25.211)– B93
Proposed text for CPCH (25.213)– C66

E. Proposed texts for DSCH

Nokia : Proposed text for DSCH – A29

F. Proposed texts for DPCCH gating

Liaison statement from WG#4 – A90, B78
Samsung/Motorola/NTT Documo: Proposed text for Gated Uplink+Fast Initialization – c81

7. Liason from other groups
8. E-mail summary

R1-99b76 (AH14 co-chair)
 Samsung on DPCCH gating

9. Contributions with proposed texts for release 99

5a. DSCH
5b. CPCH

GBT: Slot mapping for CPCH - b73
GBT: CPCH Tables - b72
GBT:TFCI for CPCH - b71
GBT: Method to control CPCH Access Control Probability – c02
LGIC: Transmission of CPCH Status Information on DL-DPCCH –b55

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Channel Assignment

Samsung/Philips: Enhanced CPCH with Channel Assignment – B13
Samsung: Performance of CPCH with Channel ASsignment - B92
Philips – Performance of CPCH – B36
Samsung/Philips – Text proposal for CPCH Channel Assignment – D57
GBT: CPCH simulations to support idle-AICH and use of TFCI – B77

Philips: Enhanced CPCH with status monitoring and code assignment – B37
Philips: Status information for CPCH – B38
Philips: Benefits of packet header for CPCH – B39
Philips: Dynamic allocation of AP signatures for CPCH – B40

LGIC: 2 papers

TSGR1#7(99)b54: The Secondary Collision Detection for CPCH
TSGR1#7(99)c60: The Timing of the Secondary Collision Detection for CPCH

ITRI: 3 papers
R1-99b03: MAC Procedures for CPCH
R1-99b95: Support of MAC Procedures for CPCH in the Physical Layer
R1-99b96: Questions & Answers of CCL/ITRI's MAC: Procedures for CPCH

5c. proposed texts for DPCCH Gating

6. Proposed texts for FAUCH

Philips: Fast L1 ACK for FAUSCH – B35

7. Contributions aimed for R2000

GBT: Proposed text and discussion of Firm Handover over CPCH – B77

8.   Liason statements to other groups.
9.   Other contributions

10. Closing