

1 **3GPP2 TSG-P**
2 **Wireless Packet Data Networking**
3

4 **TITLE:**

5 TSG-P Meeting Summary, Meeting #34
6

7 **SOURCE:**

Chair, 3GPP2 TSG-P

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ELECTRONICS

8 **ABSTRACT:**

9 This document contains the summary of the TSG-P meeting, which was held on February 4-8, 2002 in
10 Seattle, WA.
11

12 **RECOMMENDATION:**

13 Review for accuracy and amend as needed.
14
15
16

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1 **Wireless Packet Data Networking**
 2 **Meeting Report, Meeting #34**
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Date: February 4, 2002 8:00 AM – February 8, 2001 12:00 PM
 Location: Elliott Grand Hyatt Seattle
 721 Pine St.
 Seattle, WA 98101
 Chair: Haeng S. Koo, Samsung Electronics
 Phone: 972.761.7755
 E-mail: hskoo@sta.samsung.com

5 _____
 6 **Quorum Members, Attendees, and Attendance Status**
 7

Organization	Attendees of this meeting	Last 3 Meetings Attended
Cambia Networks		#32
Cisco	Parviz Yegani, Glen Zorn	#32 #33 #34
CommWorks	Ed Campbell, Mike Borella	#32 #33 #34
Ericsson	Lila Madour	#32 #33 #34
ETRI		#33
Fujitsu	Mamoru Higuchi	#32 #33 #34
KDDI	Takuo Seki	#33 #34
LG Electronics		#33
Lucent Technologies	Tom Hiller, Frank Alfano, Mike McPheters	#32 #33 #34
Motorola	Anda Farcasanu, Nooruddin Taj	#32 #33 #34
Nextel	Dave Martin	#32 #33 #34
NEC	Tomomichi Nogai	#32 #33 #34
Nokia	Thinh Nguyenphu, Ernie Tacsik	#32 #33 #34
Nortel Networks	Kuntal Chowdhury	#32 #33 #34
Qualcomm Inc.	Masakazu Shirota, Jun Wang	#32 #33 #34
Samsung Electronics	Haeng S. Koo, Junhyuk Song	#32 #33 #34
SK Telecom		#32
Sprint PCS	Iris Zeng, Mark Lipford	#32 #33 #34
Tantivy Communications	Howard Heller	#32 #34
Verizon Wireless	Bryan Cook	#34
ZTE Corporation	Hu YuMin, Duan XiangYang	#32 #33 #34

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 9 **Other Members Present**
 10

Organization	Attendee
ALLTEL	Dennis Gentzler

11
 12 **1. Call To Order and Opening Remarks**

13 The meeting was called to order at 9:30 AM local time on February 4, 2002 at Elliott Grand Hyatt in Seattle.

14 **2. Attendance Registration**

15 The names and organizations of the present are reflected above. The quorum list stood at 21 member companies. With 17
 16 member companies present, a quorum was declared.

17 DoCoMo US Labs and KTF dropped out of the quorum list.

3. Review and Adoption of Agenda

The Chair introduced 3GPP2-P00-20020204-001 as the proposed agenda. The agenda was accepted as presented. P.S0001-B was added later as agenda item 8C as shown in R3.

4. Contributions Assignment to Agenda Items

The following 29 contributions were submitted, numbered and assigned to the agenda:

Number	Title	Source	Agenda Item
3GPP2-P00-20020204-001	Proposed Agenda	Haeng Koo, Chair, Samsung	3
3GPP2-P00-20020204-002	Meeting Summary, Meeting #32	Haeng Koo, Chair, Samsung	5
3GPP2-P00-20020204-003	Correspondences	Haeng Koo, Chair, Samsung	6
3GPP2-P00-20020204-004	TSG-P Work Items and Action Items	Haeng Koo, Chair, Samsung	10,11
3GPP2-P00-20020204-005	P.S0001-B	Tom Hiller (Editor), Lucent	8C
3GPP2-P00-20020204-006	Framework for the end-to-end QoS in cdma2000 packet data network	Kuntal Chowdhury, Nortel	8A1
3GPP2-P00-20020204-007	Clarification on the “yy” interface in LMSD Step-1 support.	Kuntal Chowdhury, Nortel	6
3GPP2-P00-20020204-008	Draft Correspondence to TSG-S WG-4 on Phase-1 Broadcast Security	Jun Wang, Raymond Hsu, QUALCOMM	8A3
3GPP2-P00-20020204-009	Nokia Input for IETF dependency list	Ernie Tacsik, Nokia	7
3GPP2-P00-20020204-010	Recommendations for LMSD Step-1 work in TSG-P	Iris Zeng, Mark Lipford, Sprint PCS	6
3GPP2-P00-20020204-011	Core Policy Manager	Frank Alfano, Lucent	6
3GPP2-P00-20020204-012	Phased BCMCS approach revision 0.2	JunHyuk Song, Yong Chang, Samsung	8A3
3GPP2-P00-20020204-013	BCMCS Discussion	Tom Hiller, Frank Alfano, Lucent	8A3
3GPP2-P00-20020204-014	Transitions Solutions for IPv6 Mobility	Paul Francis, Tahoe Networks; Tom Hiller, Pete McCann, Lucent	8A5
3GPP2-P00-20020204-015	Question on Broadcast/Multicast Stage 1 Document	Thinh Nguyenphu, Nokia	8A3
3GPP2-P00-20020204-016	Nokia comments to P00-20020109-008 “Transitions Solutions for IPv6 Mobility”	Ernie Tacsik, Nokia	8A5
3GPP2-P00-20020204-017	CDMA2000 Broadcast/Multicast Services Stage 2: Higher Layer Design, Version 0.05	Tao Chen, Phil Hawkes, Raymond Hsu, Nikolai Leung, David Ott, Nilesh Parekh, Ragulan Sinnarajah, Jun Wang, Qualcomm	8A3
3GPP2-P00-20020204-018	Liaison for comments on the NAM	TSG-P	6
3GPP2-P00-20020204-019	Draft Correspondence to TSG-S on stage 1: service architecture	TSG-P	6
3GPP2-P00-20020204-020	Draft Correspondence to TSG-S on stage 1: Wireless Instant messaging	TSG-P	6
3GPP2-P00-20020204-021	Liaison for LMSD Step-1 Comments	TSG-P	6
3GPP2-P00-20020204-022	Proposed Working Draft for LMSD Step-1	Mark Lipford, Sprint PCS	8A9
3GPP2-P00-20020204-023	Fast Handoff Call Flows	Mike Borella, Commworks	8C
3GPP2-P00-20020204-024	Response to TSG-S liaison on 0-byte header compression	Lila Madour, Ericsson	6
3GPP2-P00-20020204-025	Draft Liaison for CDMA Wideband	Thinh Nguyenphu, Nokia	6

	Codec Work Item		
3GPP2-P00-20020204-026	Zero – Byte IP Header Compression	TSG-P	6
3GPP2-P00-20020204-027	Response to TSG-S liaison on header compression question	TSG-P	6
3GPP2-P00-20020204-028	Work Item Worksheet for End-to-End QoS	Kuntal Chowdhury, Nortel	6
3GPP2-P00-20020204-029	Work Item Worksheet for PDSN Resource Optimization	Kuntal Chowdhury, Nortel	6

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2 5. Review of Meeting Reports

3 The Chair introduced 3GPP2-P00-20020204-002, Meeting Summary, Meeting #33, and the contribution was accepted with
4 minor modification as reflected in R1.

5 6. Correspondences

6 The Chair presented the correspondences using the files under ‘Correspondences’ folder:

7 A. Correspondences on requirements documents review requests

- 8 ▪ IP-based Service Architecture – Review comments were generated and liaison were drafted as Contribution
9 3GPP2-P00-20020204-019. The Chair will send the liaison to TSG-S.
- 10 ▪ Stage 1 for Wireless Instant Messaging – Review comments were generated and liaison were drafted as
11 Contribution 3GPP2-P00-20020204-020. The Chair will send the liaison to TSG-S.
- 12 ▪ Stage 1 for Presence for Wireless System – no comments.
- 13 ▪ Subscribed Rate for Packet Data Service – no comments.
- 14 ▪ Proposed NAM Changes – Review comments were generated and liaison was drafted as Contribution 3GPP2-P00-
15 20020204-019. The Chair will send the liaison to TSG-S. Related to the NAM, Frank Alfano presented 3GPP2-
16 P00-20020204-011, Core Policy Manager. The contribution was left open.
- 17 ▪ Fast Call Setup – no comments.
- 18 ▪ Legacy MS Domain Step 1- Review comments were generated and liaison was drafted as Contribution 3GPP2-
19 P00-20020204-021. The Chair will send the liaison to TSG-S. Some of the input to this liaison came from the
20 following two contributions:
21 ○ 3GPP2-P00-20020204-010, Recommendations for LMSD Step-1 work in TSG-P, and
22 ○ 3GPP2-P00-20020204-007, Clarification on the “yy” interface in LMSD Step-1 support.
- 23 ▪ Header Stripping and Generation – no comments.

24 B. Correspondences on other requirements

- 25 ▪ TSG-A Comments on All IP System Requirements – for information only
- 26 ▪ Broadcast Multicast Phasing – for information only
- 27 ▪ Correspondence – Features without Stage 1s – for information only.
- 28 ▪ Zero-Byte IP Header Compression – Contribution 3GPP2-P00-20020204-024 was presented by Lila Madour. No
29 consensus was reached on the draft liaison. The TSG decided not to send this liaison. Consequently, Anda
30 Farcasanu presented Contribution 3GPP2-P00-20020204-027, Response to TSG-S liaison on header compression
31 question. This contribution shows the differences of the two schemes against the requirements in a simpler format.
32 The contribution was accepted with modifications as shown in R2. The liaison was drafted as in 3GPP2-P00-
33 20020204-027. The Chair will send the liaison with accompanying documents to TSG-S. We had discussion on
34 supporting the two options (HSG and LLAROHc); and it was stated that TSG-P had decided supporting both
35 options at the earlier meetings.

36 C. Outgoing Correspondences

37 The three outgoing correspondences and correspondences from TSG-N were presented for information only. Please refer to
38 the ‘Outgoing’ folder.

39 D. Correspondences from TSG-N

40 These correspondences were presented for information only.

E. Work Item Related Correspondences

- CDMA Wideband Codec - Tinh Nguyenphu presented contribution 3GPP2-P00-20020204-025, Draft Liaison for CDMA Wideband Codec Work Item. However, the TSG decided not to send the liaison, since there is very minor impact to the TSG and there is no change required in the worksheet for TSG-P. This contribution was later withdrawn.
- There were no comments on the other work item worksheets.

F. Other Correspondences

Additional correspondences in 'Other' folder were presented for information only.

7. Reports

The Chair made a report on Steering Committee meeting held in Seoul using the 'SC report' folder. There is an action item for the Chair to recommend a 3GPP2 liaison to IETF. The TSG will decide on the liaison at the Kobe meeting. The Chair also reported that there is a budget available for technical writer.

Ernie Tacsik presented 3GPP2-P00-20020204-009, Nokia Input for IETF dependency list with draft liaison to other TSG chairs. The members were requested to review the list and send the comments on the table to the exploder before the liaison would be sent.

The Chair reported that there are pre-assigned RFC numbers for the ROHC drafts. See file 'ROHC RFCs' for details.

8. Old Business

A. 3G Packet Data Technical Standard (Rel D2)

1. QoS

Kuntal Chowdhury presented 3GPP2-P00-20020204-006, Framework for the end-to-end QoS in cdma2000 packet data network, which were left open. Here are some of the comments:

- Border Router need to be added in the figure.
- Stage 1 document need to be verified against.
- Worksheet need to be submitted for this work item.

2. Header Compression

There was no contribution on this topic.

3. Broadcast/Multicast

Jun Wang presented Contribution 3GPP2-P00-20020204-017, CDMA2000 Broadcast/Multicast Services Stage 2: Higher Layer Design, Version 0.05. This contribution was left open.

JunHyuk Song presented 3GPP2-P00-20020204-012, Phased BCMCS approach revision 0.2. This contribution was also left open.

Tinh Nguyenphu presented 3GPP2-P00-20020204-015, Question on Broadcast/Multicast Stage 1 Document. From the updated questions in R1, the TSG decided to send the liaison to TSG-S as shown in R3.

Tom Hiller presented 3GPP2-P00-20020204-013, BCMCS Discussion. This contribution poses questions on BCMCS contributions from Ericsson, Qualcomm, and Samsung. The TSG suggested that the three companies should bring a combined contribution.

Jun Wang presented 3GPP2-P00-20020204-008, Draft Correspondence to TSG-S WG-4 on Phase-1 Broadcast Security. The TSG decided not to send the liaison, since the schedule for this work item within TSG-P has not been fixed yet.

4. Diameter Based AAA Support

There was no contribution on this topic.

1 **5. IPv6 support**

2 Ernie Tacsik presented 3GPP2-P00-20020204-016, Nokia comments to P00-20020109-008 “Transitions Solutions for IPv6
3 Mobility.” This contribution emphasizes the IPv6 mobility solution based on the IETF standards. This contribution was
4 left open.

5 Tom Hiller presented 3GPP2-P00-20020204-014, Transitions Solutions for IPv6 Mobility. This contribution was also left
6 open.

7 During the discussion operators were asked to bring the requirements on Ipv6 support.

8 **6. Realm configured packet data session inactivity timer**

9 There was no contribution on this topic.

10 **7. Packet data security**

11 There was no contribution on this topic.

12 **8. Push Service**

13 **9. Legacy MS Domain Support**

14 Mark Lipford presented 3GPP2-P00-20020204-022, Proposed Working Draft for LMSD Step-1. The contribution was
15 accepted with modification as a starting point of a separate baseline document. Mark Lipford volunteered and was selected
16 as the editor of the document.

17 **10. Others**

18 None.

19 **B. All IP**

20 None.

21 **C. P.S0001-B**

22 3GPP2-P00-20020204-005 is the final version of P.S0001-B that was used for TR45.6 ballot version with additional
23 changes for TIA references and other editorial changes. The word file, P00-20020204-005 P.S0001-B.doc, should be used
24 in the future to propose a text change for D2 release, until a new version is adopted.

25 Mike Borella presented 3GPP2-P00-20020204-023, Fast Handoff Call Flows. There wasn't enough time to cover all the
26 flows. Mike Borella and Tom Hiller would update the flows and distribute them to the exploder. If there were no
27 comments, the call flows would be submitted as a ballot comment. It is necessary to inform TSG-A of the call flow
28 changes.

29 **9. New Business**

30 There was no new business.

31 **10. Workplan Review**

32 The Chair presented 3GPP2-P00-20020204-004, TSG-P Work Items and Action Items, and the updates are in R1.

33 Kuntal Chowdhury presented the two work item worksheets: 3GPP2-P00-20020204-028, Work Item Worksheet for End-to-
34 End QoS; and 3GPP2-P00-20020204-029, Work Item Worksheet for PDSN Resource Optimization. Both were accepted
35 with modifications. The Chair will send the worksheets to TSG-S.

36 The workplan for the next release are as follows:

- 37 ▪ Contributions: March, 2002
38 ▪ Baseline: May, 2002

- 1 ▪ V&V: July, 2002

2 **11. Review Assignments**

3 The assignments from the meeting were reviewed.

4 **12. Future Meeting Schedule**

5

DATE	LOCATION
March 11 - 15, 2002	Kobe, Japan
April 15 - 19, 2002	Alexandria, VA
May 13 - 17, 2002	Newport Beach, CA
June 10 - 14, 2002	Shenzen, China
July 8 - 12, 2002	San Diego, CA
August 5 - 9, 2002	Portland
September 9 - 13, 2002	Korea
October 21 - 25, 2002	Quebec City
December 9 - 13, 2002	Maui

6 **13. Open Discussion**

7 There was no open discussion.

8 **14. Adjournment**

9 The meeting was adjourned at 11:15 AM local time on February 8, 2002.