

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

4 **TITLE:**

5 TSG-P Meeting Summary, Meeting #10
6

7 **SOURCE:**

Chair, 3GPP2 TSG-P



ELECTRONICS

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8 **ABSTRACT:**

9 This document contains the summary of the tenth TSG-P meeting, which was held December 6 – 10, 1999
10 in Kauai, Hawaii.
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12 **RECOMMENDATION:**

13 Review for accuracy and amend as needed.
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**3GPP2 TSG-P
Wireless Packet Data Networking
Meeting Report, Meeting #10**

Location: Hyatt Regency Kauai, Koloa, Kauai, HI 96756
 Chair: Haeng S. Koo, Samsung Electronics
 Phone: 972.761.7755
 E-mail: hskoo@sta.samsung.com

Quorum Members, Attendees, and Attendance Status

Organization	Attendee	Last 4 Meetings Attended	Quorum Member
3Com	Ed Campbell	#7 #8 #9 #10	Yes
Alcatel	Xing Chen	#7 #8 #10	Yes
CISCO	Allen Long	#7 #8 #9 #10	Yes
DDI	Takahiro Ayaki	#8 #10	Yes
Ericsson	Sanjeevan Sivalingham	#7 #8 #9 #10	Yes
Fujitsu	Alan Hameed	#7 #8 #10	Yes
GTE	Mark Munson	#7 #8 #10	Yes
Hyundai Electronics	Dong Hyun Lee	#7 #9 #10	Yes
IDO	Takuo Seki	#7 #10	Yes
KDD		#9	Yes
LGIC		#7 #8 #9	Yes
Lucent Technologies	Tom Hiller	#7 #8 #9 #10	Yes
Lucent Technologies (TTC delegate)	Hajime Shiino	#7 #8 #9 #10	Yes
Motorola	Brent Hirschman	#7 #8 #9 #10	Yes
Nortel Networks	Serge Manning	#7 #8 #9 #10	Yes
Qualcomm Inc.	Raymond Hsu	#7 #8 #9 #10	Yes
Samsung Electronics	Haeng S. Koo	#7 #8 #9 #10	Yes
Southwestern Bell		#7 #8	Yes
Toshiba	Yoshiyaki Tsuda	#7 #8 #9 #10	Yes
Vodafone Airtouch	Eric Jaques	#8 #9 #10	Yes

Others Present

Organization	Attendee
3Com	Yingchun Xu
DDI	Michio Kudo
Ericsson	Kristh Raith
Ericsson	Ulf Gustafson
NEC	Eileen McGrathHaden
NEC	Hirofumi Okata
Nokia	Richsed Sweet
Nokia	Walt Tamminen
Samsung Electronics	Jae Hyuk Do
Synacom Technology	Kirk Carlson

1. Call To Order and Opening Remarks

The meeting was called to order at 7:30 AM on December 6 – 10, 1999 in Kauai, Hawaii.

2. Attendance Registration

The attendance roster was circulated, and the names and organizations of the present are reflected above. The quorum list stood at 20 member companies. With 17 member companies present, a quorum was declared.

3. Review and Adoption of Agenda

The Chair introduced 3GPP2-P00-19991206-001 as the proposed agenda. The agenda was adopted as is.

4. Contributions Assignment to Agenda Items

The following 6 contributions were submitted, numbered and assigned to the agenda:

Number	Title	Source	Agenda Item
3GPP2-P00-19991206-001	Proposed Agenda	Haeng Koo, Chair, Samsung	3
3GPP2-P00-19991206-002	Meeting Summary, Meeting #9	Haeng Koo, Chair, Samsung	5
3GPP2-P00-19991206-003	Incoming Correspondences	Haeng Koo, Chair, Samsung	6
3GPP2-P00-19991206-004	TTC Standardization Process and Schedule of 2 nd Half of FY1999	Hajime Shiino, Lucent Technologies Japan	10
3GPP2-P00-19991206-005	Dormant Handoff and Mobile IP	Ed Campbell and Yingchun Xu, 3Com	8A
3GPP2-P00-19991206-006	Proposal for the Integrating Network Model of AAA and HLR	Dong Hyun Lee, Hyundai Electronics	9

5. Review of Meeting Reports

The Chair introduced "3GPP2-P00-19991206-002, Meeting Summary, Meeting #9." The contribution was reviewed by the TSG and approved with the following comments:

- Clarify meeting attendees and attendance status,
- Create a contact list file on the TSG-P ftp site, and
- Describe how we got V&V version of the standard in Section 8A.

6. Correspondence

The Chair presented the following incoming correspondences:

- From Steve Dennet, SC Chair, Re: Common mobile telecommunications smart card and
- From Hidet Okinaka, TSG-S Chair, Re: Name of the R-P Interface on the NRM,

Tom Hiller presented an informal summary on smart card requirement for packet data service. Tom will post the updated version of the summary after acquiring an approval from his company. At that point, the Chair will send the correspondence with the posted information to Steering Committee Chair.

7. Reports

The following reports were made:

- Brent Hirschman and Serge Manning on Joint TSG-N/P/C QoS Coordination Meeting,
- Tom Hiller on IETF, and
- Yingchun Xu on TSG-A.

8. Old Business

A. 3G Packet Data Technical Standard

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The TSG spent most of the time reviewing DDRs and incorporating changes to the standard document as V&V DDR resolution process. The following table lists the DDRs and their disposition:

Company	DDR Number	Type	Disposition
3Com	01	Editorial	Accepted
3Com	02	Editorial	Accepted
3Com	03	Editorial	Accepted
3Com	04	Editorial	Accepted
3Com	05	Editorial	Accepted
3Com	06	Editorial	Accepted
3Com	07	Editorial	Accepted
3Com	08	Editorial	Accepted
3Com	09	Editorial	Accepted
3Com	10	Editorial	Accepted
3Com	11	Editorial	Accepted
3Com	12	Editorial	Accepted
3Com	13	Editorial	Accepted
3Com	14	Editorial	Accepted
3Com	15	Editorial	Accepted
3Com	16	Editorial	Accepted
3Com	17	Editorial	Accepted
3Com	18	Editorial	Accepted
3Com	19	Editorial	Accepted
3Com	20	Editorial	Accepted
3Com	21	Editorial	Accepted
3Com	22	Editorial	Accepted
3Com	23	Editorial	Accepted
3Com	24	Editorial	Accepted
3Com	25	Editorial	Accepted
3Com	26	Editorial	Accepted
3Com	27	Editorial	Accepted
3Com	28	Technical	Accepted
Cisco	01	Technical	Accepted with modification
Cisco	02	Technical	Selectively Accepted
Cisco	03	Technical	Accepted with modification
Ericsson	01	Editorial	Accepted
Ericsson	02	Technical	Accepted with modification
Ericsson	03	Editorial	Text removed by other DDR
Ericsson	04	Editorial	Accepted
Ericsson	05	Technical	Accepted with modification
Ericsson	06	Technical	Addressed
Ericsson	07	Technical	Accepted with modification
Ericsson	08	Editorial	Accepted with modification
Ericsson	09	Editorial	Accepted with modification
Ericsson	10	Technical	Rejected; Need to bring it to TSG-A
LGIC	01	Editorial/Technical	Selectively Accepted
Lucent	01	Technical	Accepted with modification
Lucent	02	Technical	Accepted with modification
Lucent	03	Technical	Accepted
Lucent	04	Technical	Accepted with modification
Lucent	05	Technical	Withdrawn
Lucent	06	Technical	Accepted

Lucent	07	Technical	Addressed
Lucent	08	Technical	Accepted
Lucent	09	Technical	Accepted with modification
Lucent	10	Technical	Accepted with modification
Motorola	01	Technical	Accepted with modification
Motorola	02	Technical	Accepted with modification ¹
Nortel	01	Technical	Accepted
Nortel	02	Technical	Accepted
Nortel	03	Technical	Accepted with modification
Nortel	04	Technical	Accepted with modification
Nortel	05	Editorial	Accepted with modification
Nortel	06	Editorial	Accepted
Qualcomm	01	Editorial	Accepted
Qualcomm	02	Editorial	Accepted
Qualcomm	03	Editorial	Accepted
Qualcomm	04	Technical	Accepted with modification
Qualcomm	05	Technical	Accepted with modification
Qualcomm	06	Editorial	Accepted
Qualcomm	07	Technical	Accepted
Qualcomm	08	Editorial	Accepted
Qualcomm	09	Technical	Rejected; Implementation Issue
Qualcomm	10	Editorial	Accepted
Qualcomm	11	Editorial	Accepted
Qualcomm	12	Technical	Accepted with modification
Qualcomm	13	Technical	Accepted with modification
Qualcomm	14	Editorial	Accepted
Qualcomm	15	Editorial	Accepted
Qualcomm	16	Editorial	Accepted with modification
Qualcomm	17	Technical	Accepted with modification
Qualcomm	18	Technical	Accepted
Qualcomm	19	Editorial	Accepted
Qualcomm	20	Technical	Rejected; Put footnote for relay model handset
Qualcomm	21	Editorial	Accepted
Qualcomm	22	Technical	Accepted
Qualcomm	23	Editorial	Accepted
Qualcomm	24	Editorial	Irrelevant; Section deleted
Qualcomm	25	Editorial	Accepted
Qualcomm	26	Technical	Accepted with modification
Qualcomm	27	Editorial	Accepted with modification
Qualcomm	28	Editorial	Accepted with modification
Qualcomm	29	Editorial	Rejected
Qualcomm	30	Editorial	Accepted
Qualcomm	31	Editorial	Accepted
Qualcomm	32	Editorial	Rejected
Qualcomm	33	Editorial	Accepted
Qualcomm	34	Editorial	Accepted
Qualcomm	35	Editorial	Accepted
Qualcomm	36	Editorial	Accepted
Qualcomm	37	Technical	Accepted

¹ This DDR requires changes in TSG-A. If the changes are not coordinated at V&V, it will be corrected at the ballot.

Qualcomm	38	Editorial	Accepted
Qualcomm	39	Technical	Accepted with modification
Qualcomm	40	Technical	Accepted
Qualcomm	41	Editorial	Accepted
Qualcomm	42	Editorial	Accepted
Qualcomm	43	Editorial	Accepted
Samsung	01	Editorial	Accepted
TTC (DDI-01)	01	Editorial	Accepted
TTC (DDI-02)	02	Editorial	Accepted
TTC (Fujitsu-01)	03	Editorial	Accepted
TTC (Hitachi-01)	04	Editorial	Accepted
TTC (Hitachi-02)	05	Editorial	Accepted
TTC (Hitachi-03)	06	Technical	Accepted
TTC (Hitachi-04)	07	Editorial	Reworded
TTC (IDO-01)	08	Editorial	Rejected
TTC (IDO-01)	09	Editorial	Rejected
TTC (IDO-02)	10	Editorial	Accepted
TTC (IDO-03)	11	Editorial	Accepted
TTC (IDO-04)	12	Editorial	Accepted
TTC (KDD-01)	13	Editorial	Accepted
TTC (KDD-02)	14	Editorial	Accepted
TTC (KDD)	15	Editorial	Accepted
TTC (Lucent Japan-01)	16	Editorial	Accepted
TTC (Lucent Japan-02)	17	Editorial	Addressed
TTC (Lucent Japan-03)	18	Editorial	Accepted
TTC (Lucent Japan-04)	19	Editorial	Accepted
TTC (Lucent Japan-05)	20	Editorial	Addressed
TTC (Lucent Japan-06)	21	Editorial	Accepted
TTC (Lucent Japan-07)	22	Editorial	Accepted
TTC (Lucent Japan-08)	23	Editorial	Addressed
TTC (Lucent Japan-09)	24	Editorial	Accepted
TTC (Lucent Japan-10)	25	Editorial	Accepted
TTC (Lucent Japan-11)	26	Editorial	Accepted
TTC (Lucent Japan-12)	27	Editorial	Accepted
TTC (NEC-01)	28	Editorial	Addressed
TTC (NEC-02)	29	Editorial	Accepted
TTC (NEC-03)	30	Editorial	Accepted
TTC (NEC-04)	31	Editorial	Addressed
TTC (NEC-051)	32	Editorial	Accepted

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The file <ftp.3gpp2.org/tsgp/working/19991206-Kauai/PS0001r3.doc> contains the standard document that includes changes for all the DDRs accepted at the meeting. The TSG decided to accept this document as final without making further technical or significant editorial changes. Brent Hirschman will make a final, straight forward editorial cleanup of the document and post it at the ftp site, and the Chair will send it to Steering Committee for approval.

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One open issue discovered during the meeting was how the PDSN should handle the inter-frame time fill coming from the mobile node. This issue will be addressed at Release 1.1 or later.

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Yingchun Xu presented Contribution 3GPP2-P00-19991206-005, Dormant Handoff and Mobile IP. This contribution proposes a solution that does not require traffic channel for the dormant handoff problem identified in Lucent DDR 10. However, the contribution was rejected, since it is impossible to distinguish the two cases of dormant handoff (PCF2 -> PCF1 -> PCF2 and PCF3 -> PCF2).

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B. VOIP

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1 None.

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3 **9. New Business**

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5 The TSG discussed the concept of All IP Network and each TSG’s role in the development of All IP Network and came up
6 with the recommendation to the TSG-S All IP AD Hoc. Serge Manning will present the recommendation (file:
7 <ftp.3gpp2.org/tsgp/working/19991207-Kauai/99.12.10.XX.TSG-P.Proposal.pdf>) at the All IP Ad Hoc meeting.

8
9 Dong Hyun Lee submitted Contribution 3GPP2-P00-19991206-006, Proposal for the Integrating Network Model of AAA
10 and HLR. However, this contribution was carried over to the next meeting due to insufficient time to cover the topic.

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12 **10. Workplan Review**

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14 Hajime Shiino presented Contribution 3GPP2-P00-19991206-004, TTC Standardization Process and Schedule of 2nd Half
15 of FY1999, which requires completion of the standardization process by April 1, 2000.

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17 The workplan for Release 1 3G packet data technical standard is as follows:

- 18 • Contributions: April – August, 1999
- 19 • Baseline: September, 1999
- 20 • V&V: November 1-5, 1999
- 21 • V&V Resolution: December 6-10, 1999
- 22 • Deliver to SC: December 13, 1999

23
24 The workplan for Release 1.1 to develop specification for AAA is as follows:

- 25 • Contributions: December, 1999 – February, 2000
- 26 • Baseline: April, 2000
- 27 • V&V June, 2000

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29 Additional work items will be addressed, as they become available.

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31 **11. Review Assignments**

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33 The assignments from the meeting were reviewed.

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35 **12. Future Meeting Schedule**

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37 The following table shows the future 2000 meeting schedule:

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Date	Location	Co-located with
January 17 – 21, 2000	North Palm Beach, FL	
February 14 – 18, 2000	San Diego, CA	All TSGs
March 13 – 17, 2000	San Antonio, TX	TSG-N
April 24 – 28, 2000	Seattle, WA	TSG-C
June 12 – 16, 2000	Vancouver, BC	All TSGs
July 10 – 14, 2000	Montreal, Quebec	TSG-N
August 21 – 25, 2000	San Francisco, CA	TSG-N,S
September 18 – 22, 2000	Korea	TSG-C,S
October 23 – 27, 2000	Japan	All TSGs
December 4 – 8, 2000	Maui, HI	TSG-C,S

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40 **13. Open Discussion**

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42 None.

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14. Adjournment

The meeting was adjourned at 10:15 AM on December 10, 1999.