

3GPP2 Access Network Interfaces TSG (TSG-A) #27 Draft Meeting minutes

DATE: Monday - Friday, May 7 - 11, 2001

PLACE: China World Hotel
Beijing, Peoples Republic of China

PRESIDING: George Turnipseed, Sprint PCS

PRESENT:

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Vancouver, British Columbia, Canada

June 11, 2001

1 **1. TSG Opening Address by TSG Chairman**—The Access Network Interfaces TSG (TSG-A) was
 2 opened Monday, May 7, 2001 at 8:00 AM by George Turnipseed, Chair representing Sprint PCS. A
 3 closing plenary was held on Friday, May 11, 2001 at 10:00 AM.

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5 **2. Introductions and Attendance Registration**—A quorum call was performed and an attendance
 6 roster was circulated for reference. At the closing of meeting #27 on May 11, 2001, the quorum list
 7 included 21 companies:

8

	<i>Company name</i>	<i>Last meeting attended</i>	9 10
1.	Alcatel	#26	11
2.	CommWorks	#25	12
3.	Cisco	#27	13
4.	KDDI	#27	14
5.	Ericsson	#27	15
6.	Fujitsu	#27	16
7.	Hitachi	#27	17
8.	Hyundai	#26	18
9.	LG Electronics	#25	19
10.	LinkAir Communications	#24	20
11.	Lucent Technologies	#27	21
12.	Motorola	#27	22
13.	NEC	#26	23
14.	Nokia	#27	24
15.	Nortel Networks	#27	25
16.	QUALCOMM	#27	26
17.	Qwest	#27	27
18.	Samsung	#27	28
19.	SK Telecom	#27	29
20.	Sprint PCS	#27	30
21.	Winphoria Networks	#26	31

32

34 In addition Huawei Technologies, RITT and ZTE Corporation were present. Quorum was therefore
 35 established.

3. Introduction and Numbering of Documents

The following documents were numbered and assigned to the agenda:

Document number (3GPP2-A00-20010507-)	Title	Source	Agenda item	Disposition
001r1	Proposed agenda	Chair	4	Approved as modified
002	Maui meeting minutes	Chair	5	Approved as modified
003	TSG Coordination Report	SC Coordination AdHoc Chair	6	FYI
004	TSG-N Response to TSG-S All IP	TSG-N	6	Remanded to WGC for consideration
004a	Network Architecture Model (NAM)	TSG-N	6	Remanded to WGC for consideration
005	Correspondence from AHAG to TSGA	AHAG	6	Remanded to WGC for consideration
006	3GPP2 TSG-S Workplan V24	TSG-S	6	Remanded to the Work Plan Ad Hoc for review
007	Correspondence - Packet data inactivity timer	TSG-P	6	Remanded to WGC for consideration
007a	Packet data inactivity timer based on realm	Motorola	6	Remanded to WGC for consideration
008	TSG-C Release B features	TSG-C	6	Remanded to WGA for consideration
009	TSG-A response to AHAG comments on 1xEV-DO IOS	Qualcomm	6	Remanded to WGC for consideration
010	Reply to TSG-C's liaison "Support of MOB_P_REV ≥ 7",	Motorola	6	Remanded to WGA for consideration
011	Enhancements to Support Zero Byte Header Compression	TSG-P	6	Remanded to WGC for consideration
011a	A Link-Layer Assisted ROHC Profile for IP/UDP/RTP	Ericsson	6	Remanded to WGC for consideration
011b	Header compression for Voice-over-IP in CDMA2000 Rev. 0.1	Ericsson	6	Remanded to WGC for consideration
011c	Link-Layer Assisted ROHC Header Compression in CDMA 2000 Establishment and Operation Procedures	Ericsson	6	Remanded to WGC for consideration
012	The Vancouver / June 11, 2001 meeting notice	Chair	11	FYI
013	Purpose of IP based RAN Architecture Study	Sprint PCS	7a	Accepted
14	IP Transport targeted for IOS v4.3	Sprint PCS	7c	Accepted

1 **4. Adoption of Agenda--** The Chair referenced document 3GPP2-A00-20010507-001r1 for the TSG
2 agenda. After some modifications the document was adopted by common consent.

3
4 **5. Meeting Summaries Review and Approval**

5
6 Document 3GPP2-A00-20010507r1-002 was presented by the Chair and approved as modified by the
7 TSG.

8
9 Working Group reports will be distributed, reviewed and approved by the respective groups before the
10 next TSG-A meeting.

11
12 **6. Correspondence and liaisons**

13
14 Input

15
16 The following correspondences were received and discussed at the meeting:

- 17
- 18 • 3GPP2-A00-20010507-003 TSG Coordination Ad Hoc Report, identifies issues and resolution on
19 project management and how to coordinate technical development to achieve end-to-end solutions –
20 FYI.
 - 21
 - 22 • 3GPP2-A00-20010507-004 TSG-N Response to TSG-S All IP, regarding their modifications to the
23 Network Architecture Model (NAM), for All IP – was remanded to TSG-A.C for an impact review.
 - 24
 - 25 • 3GPP2-A00-20010507-005 AHAG 1xEV-DO IOS review and comments, identifies four issues,
26 resolved in contribution: A00-20010507-009. The text was remanded to TSG-A.C for review.
 - 27
 - 28 • 3GPP2-A00-20010507-006 3GPP2 TSG-S Workplan V24 – was remanded to the Work Plan Ad Hoc
29 for review.
 - 30
 - 31 • 3GPP2-A00-20010507-007 January correspondence from TSG-P with A00-20010507a relates that it
32 has been decided to use “packet data inactivity timer based on realm” as the basis for releasing the
33 network and air resources unnecessarily allocated for a dormant packet data session. Action on the
34 original liaison text (3GPP2-A00-20010212-008, 3GPP2-A00-20010212-009) was deferred due to a
35 procedural concerns. TSG-S approved the use of packet data session inactivity timer (PDSIT),
36 conveyed from the AAAL to the PDSN for a selective usage inactivity timer – was remanded to
37 TSG-A.C for additional review.
 - 38
 - 39 • 3GPP2-A00-20010507-008 TSG-C Release B features and functions which may impact TSG-A –
40 was remanded to TSG-A.A, for review and response.
 - 41 - New repetition and puncturing scheme for flexible/variable rate
 - 42 - Diversity code combining in soft handoff
 - 43 - Call recovery (“Rescue Channel”)
 - 44 - Signaling Support for CCSH
 - 45 - Enhance Rate Adaptation Mode (ERAM)
 - 46

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- 1 • 3GPP2-A00-20010507-011 Correspondence from TSG-P – Enhancements to Support Zero Byte
2 Header Compression for voice over IP; solicits TSG-A support. The text was remanded to TSG-A.C
3 for review. This contribution was accompanied by the following:
4 • 3GPP2-A0020010507-011a A Link-Layer Assisted ROHC Profile for IP/UDP/RTP from
5 Ericsson.
6 • 3GPP2-A0020010507-011b Header compression for Voice-over-IP in CDMA2000 Rev. 0.1 from
7 Ericsson.
8 • 3GPP2-A0020010507-011c Link-Layer Assisted ROHC Header Compression in CDMA 2000
9 Establishment and Operation Procedures also from Ericsson.

12 Output

14 The following correspondences were approved and sent by TSG-A:

- 15 ■ 3GPP2-A00-20010507-009 Qualcomm proposed TSG-A response to AHAG comments on 1xEV-DO
16 IOS that answers questions concerning security. After consideration in TSG-A.C the text was
17 approved as written.
18
19 ■ A00-20010507-010r1 Reply to TSG-C's liaison "Support of MOB_P_REV \geq 7", from Motorola,
20 concurs that a number of messages need to include the MOB_P_REV information to support
21 MOB_P_REV of 7 or greater. TSG-A is in the process of implementing this support in IOS V4.2 and
22 is reviewing whether it is required (as bug fixes) in earlier IOS releases. The text was remanded to
23 TSG-A.A for review and returned. The R1 text was approved as modified and to be forwarded to
24 TSG-C.

27 **7. Old Business**

29 7a. Tandem Free Operation

30 The TFO ad-hoc chair Janice Wunch (Lucent) announced that the CDMA Tandem Free Operation
31 Specification (TFO) Release B V&V was completed. Final updates will be made to the document
32 presented to the TSG. The document is expected to be voted out for SC approval in the June meeting.

34 7b. 2001 Workplan

35 3GPP2-A02-20010507-002r1 TSG-A 2001 Work Timeline from the workplan ad-hoc chair. It was
36 presented for information.

38 7c. IP related work items

39 3GPP2-A00-20010507-013 Purpose of IP based RAN Architecture Study (A.P0005), from Sprint PCS,
40 reiterates the initial intent of the IP in the RAN study. The recommendation was accepted.

41
42 3GPP2-A00-20010507-014 IP Transport targeted for IOS v4.3, from Sprint PCS, specifically excludes IP
43 Transport from IOS V4.2 (re-targeted for IOS V4.3 in December, 2001), due to the lack of consensus on
44 QoS. The recommendation was accepted.

46 **8. New business**

1 None

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3
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5 **9. Working Group reports**

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7 Working Group reports for this meeting will be approved before or at the next TSG-A meeting.

8
9 Working Group A:

10
11 WGA chair, Bill Semper (Samsung), reported on the progress of IOS v4.2. Some progress was made
12 toward completing the baseline text.

13
14 Two and one half days were requested for the next meeting for WGA.

15
16 Working Group B:

17
18 The working group did not meet in May.

19
20 Working Group C:

21
22 Thomas Towle (Lucent), chair of WGC reported on the progress of IOS v4.2 and 1xEV-DO. Some
23 progress was made toward completing the baseline text

24
25 One and a half working days were requested for WGC and the All IP ad-hoc for the next meeting.

26
27 **10. Review assignments**

28
29 Conference calls to be scheduled as followed:

- 30 1. WGA – v4.0 bug fix (errata).
31 2. WGC.1 – 1xEV-DO V&V
32 3. WGC.2 – IP RAN

33
34 **11. Next meeting schedule**

35
36 Document 3GPP2- A00-20010507-012r1 is the meeting notice for the Vancouver, Canada scheduled for
37 June 11 - 15, 2001. It was accepted as modified.

38
39 **12. Open discussions**

40
41 None

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43 **13. Adjournment**—The closing plenary meeting was adjourned at 11:00 AM on Fridayday, May 11,
44 2001.