

Maui, HI

March 12, 2001

## 3GPP2 Access Network Interfaces TSG (TSG-A) #24

### Draft Meeting minutes

**DATE:** Monday - Friday, February 12 – 16, 2001

**PLACE:** Sheraton San Marcos  
Chandler, Arizona, USA

**PRESIDING:** George Turnipseed, Sprint PCS

**PRESENT:**

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Maui, HI

March 12, 2001

1 **1. TSG Opening Address by TSG Chairman**—The Access Network Interfaces TSG (TSG-A) was  
 2 opened Monday February 12, 2001 at 10:00 AM by Chair George Turnipseed representing Sprint PCS. A  
 3 closing plenary was held on Thursday February 16, 2001 at 4:30 PM.

4  
 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 #24 on February 16, 2001, the quorum  
 7 list included 19 companies:

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

32 In addition, Tektronix was present at the meeting. Quorum was therefore established.  
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Maui, HI

March 12, 2001

### 3. Introduction and Numbering of Documents

The following documents were numbered and assigned to the agenda:

Document number (3GPP2-A00-20010212-)	Title	Source	Agenda item	Disposition
001r1	Proposed agenda	Chair	4	Approved as modified
002r2	San Diego meeting minutes	Chair	5a	Approved as modified
003	TSG-S Liaison Report Jan 2001	Nokia	6	FYI
004	TSG Coord Chair,	Chair	6	FYI
005	Support for QoS in the IOS	Samsung	8a	Remanded to WGC for consideration
006	Support UIM in IOS V4.2	KDDI	8b	Remanded to WGA for consideration
007	TSG-A 2001 Workplan Timeline	Chair	7c	Carried forward
008	TSG-P correspondence on Packet Data Inactivity Timer Based On Realm	TSG-P	6	Remanded to WGC for consideration
009	Packet Data Inactivity Timer Based On Realm	Motorola	6	Remanded to WGC for consideration
010r1	Proposed Workplan for IOS V4.2	Chair	7b	Carried forward
011r1	Maui meeting notice	Chair	11	Approved as modified
012r1	Correspondence to TSG-C on Location Update Protocol Requirements for 1xEV-DO IOS	WGC	6	Approved send to TSG-C
013	IP Transport RAN: Current Status	WGA	9 I.	Carried forward

**4. Adoption of Agenda--** The Chair referenced document 3GPP2-A00-20010212-001 for the TSG agenda. After some modifications the document was adopted by common consent.

### 5. Meeting Summaries Review and Approval

Document 3GPP2-A00-20010212-002 was presented by the Chair and approved as modified by the TSG (rev. 1).

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

### 6. Correspondence and liaisons

#### Input

The following correspondences were received and discussed at the meeting:

- 3GPP2-A00-20010212-003 liaison report from TSG-S (TSG-S status report presented at the steering committee) – for information.

Maui, HI

March 12, 2001

- 1     ▪ 3GPP2-A00-20010212-004 from TSG-S on cross TSG coordination (for information to TSG-A). This  
2       document provides guidelines on the work item and feature approval process across TSGs. - for  
3       information.  
4  
5     ▪ 3GPP2-A00-20010212-008 correspondence from TSG-P on Packet Inactivity Timer - remanded to  
6       WGC for consideration.  
7

## 8     Output

9  
10    The following correspondence was approved and sent by TSG-A:

- 11  
12    ▪ Document 3GPP2-A00-20010212-012 is a correspondence to TSG-C requesting the verification of the  
13       need of air interface support for Location Update Protocol Requirements for 1xEV-DO IOS –  
14       approved  
15

## 16    **7. Old Business**

### 17     7a. Tandem Free Operation

18  
19    Phase 2 of the TFO specification is proceeding on schedule. Contributions are coming in.

20  
21    There may be some changes to some features to advance completion of the specification. The features  
22    are:: 1) echo cancellation and 2) the version number in the TFO frame (may be incompatible  
23    CDMA/GSM).  
24

25    The TFO task group chair requested carrier input and participation to help resolve these issues.  
26

### 27     7b. Work plan update

28  
29    Document 3GPP2-A00-20010212-010r1 lists the proposed content for the next cdma2000 Radio Access  
30    Network Interoperability Specification (IOS V4.2, a.k.a. 3GPP2 TS A.S0001-B).  
31

32    Document 3GPP2-A00-20010212-007r1 lists work items and provide a time line for the 2001 workplan.  
33    This document provides TSG-A team members with a high level view of all expected activities for 2001.  
34    It also includes TR45.4 related activities.  
35

## 36    **8. New business—**

### 37     8a. QoS in IOS

38    Contribution 3GPP2- A00-20010212-005 from Samsung provides a recommendation for supporting QoS in  
39    the IOS, based on results of the QoS JEM held in Kansas City January 24-25, 2001. This document was  
40    remanded to WGC.  
41  
42

### 43     8b. UIM support in IOS

44  
45    Contribution 3GPP2- A00-20010212-006 from KDDI proposes the support for UIM to be included in IOS  
46    V4.2. This stage 2 text proposes the following: 1)UIM support in the IOS as defined in IS-634A (the

Maui, HI

March 12, 2001

1 Status Request/Response messages) and 2) no changes to UIM – it is to be supported in IS-2000 (the  
2 current air interface). This document was remanded to WGA.

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Maui, HI

March 12, 2001

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### 8c. Documentation Ad-Hoc

Janice Wunch of Lucent Technologies was appointed chair of the newly formed documentation ad-hoc. The primary responsibility of this ad-hoc will include managing the reorganization of the next\_cdma2000 Radio Access Network Interoperability Specification (IOS V4.2).

Some concerns about the process, format and effort required for document reorganization were acknowledged. It was agreed, at this point, that the V&V process will continue to take place in the technical working groups.

### 8d. Inactivity timer

Contribution 3GPP2- A00-20010212-009 from Motorola was an attachment to A00-20010212-008 Liaison letter from TGS-P. This contribution proposes supporting packet data inactivity timer based on realm or the Internet domain. This document was remanded to WGC.

## **9. Working Group reports**

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

### Working Group A:

Bill Semper (Samsung), WGA chairman reported:

Increased activity – companies bringing more contributions.  
IP transport in the RAN – There were a number of contributions and an extended discussion  
The chair is developing a plan to complete the work by May  
Progress was made toward completing an IP transport requirements document.

An IP transport conference call was scheduled to progress the work.

Some progress was made on V4.2 core features.

Two days were requested for the next meeting, including time for WGA.

### Working Group B:

Naoto Itoh (KDDI), WGB chair reported on the progress of the Abis Technical Specification. WGB is meeting jointly with TR45.4.3 to process the technical and editorial ballot comments received from TR45.4. Those comments will be included in the next point release of the 3GPP2 Technical Specification. A deadline of February 28 was set for V&V comments. The V&Ved document is expected to be released and submitted to the Steering Committee after the March meeting. A conference call will be scheduled before the next meeting to review V&V comments.

One half day was requested for the next meeting (Tuesday afternoon).

Maui, HI

March 12, 2001

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### Working Group C:

Thomas Towle (Lucent), WGC chairman reported on the progress of work in WGC (still meeting at the time of the closing plenary)

Most of the work focused on 1xEV/DO and the IP RAN architecture.

On 1xEV/DO, Tom indicated that agreement on base reference model was being reached and that WGC was verifying the model against various scenarios. Progress was made with developing some scenarios during the meeting. Interim conference calls were scheduled to progress the work.

Jim Gately of Qwest Communications International was appointed chair of the All IP ad-hoc in WGC.

The IP RAN re-architecture study has started and a straw-man document with list of open issues is now available.

Two working days were requested for WGC and the All IP ad-hoc for the next meeting.

### **10. Review assignments**

Conference calls to be scheduled as followed:

1. WGA / 45.4.2 – IP transport in cdma2000 RAN / IOS V4.1 ballot resolution.
2. WGB – Abis V&V
3. WGC.1 – 1xEV-DO

### **11. Next meeting schedule**

Document 3GPP2-A00-20010212-012 rev 1 is the meeting notice for the Maui, HI, USA meeting scheduled for March 12 - 16, 2001. It was accepted as modified.

### **12. Open discussions**

There was a brief discussion on the 2002 meeting schedule. The following consensus was reached: 1) a minimum of two super meetings; 2) at least two separate co-located meetings with TSG-C and TSG-P outside of the super meetings and 3) If possible, one co-located meeting with TSG-N outside of the super meetings.

13. **Adjournment**—The closing plenary meeting was adjourned at 5:30 pm on Thursday February 15, 2001.