

## 3GPP2 Access Network Interfaces TSG (TSG-A) #21 Meeting minutes

**DATE:** Monday - Friday, October 23-27, 2000

**PLACE:** Hyatt Regency Vancouver  
Vancouver, BC, Canada

**PRESIDING:** Stephen S. Jones, NEC, Substituting for  
Frederic Leroudier, LinkAir Communications, Inc.

**PRESENT:**

|                     |                   |                        |                 |  |
|---------------------|-------------------|------------------------|-----------------|--|
| KDDI                | Wasuke Sato       | +81 3 3221 9682        | +81 3 3221 9694 | <a href="mailto:Wasuke@ddi.co.jp">Wasuke@ddi.co.jp</a>                         |
| Ericsson            | Karim Shafik      | +1 514 345 7900        |                 | <a href="mailto:karim.shafik@lmc.ericsson.se">karim.shafik@lmc.ericsson.se</a> |
| Hyundai             | Koo Yeon Sang     | +82 2 580 5395         |                 | <a href="mailto:hwkoo@hei.co.kr">hwkoo@hei.co.kr</a>                           |
| LGE                 | Fred E. Kujawski  | +1 312-474-6198        | +1 419-793-7277 | <a href="mailto:fredk@new-trac.com">fredk@new-trac.com</a>                     |
| LGE                 | Byung-Keun Lim    | +82 31 450 7199        | +82 31 450 7050 | <a href="mailto:Bklim@lgic.co.kr">Bklim@lgic.co.kr</a>                         |
| Lucent Technologies | Nancy Lee         | +1 973 386 7487        | +1 973 386 8558 | <a href="mailto:Nylee@lucent.com">Nylee@lucent.com</a>                         |
| Lucent Technologies | Janice Wunsch     | +1 630 979 6429        | +1 630 224 9500 | <a href="mailto:Wunsch@lucent.com">Wunsch@lucent.com</a>                       |
| Lucent Technologies | Thomas Towle      | +1 630.979.7303        | +1 630.713.1921 | <a href="mailto:ttowle@lucent.com">ttowle@lucent.com</a>                       |
| Motorola            | Alan Or           | +1 847 632 3619        | +1 847 632 4292 | <a href="mailto:Aor01@email.mot.com">Aor01@email.mot.com</a>                   |
| Motorola            | Shahab Sayeedi    | +1 847 632 3877        | +1 847 632 4687 | <a href="mailto:Sayeedi@cig.mot.com">Sayeedi@cig.mot.com</a>                   |
| NORTEL NETWORKS     | Linda Morales     | +1 972 685 7566        | +1 972 684 3775 | <a href="mailto:Lmorales@nortelnetworks.com">Lmorales@nortelnetworks.com</a>   |
| NEC                 | Stephen S. Jones  | +1 972 318-0564        | +1 972 317-2574 | <a href="mailto:malr@sdf.lonestar.org">malr@sdf.lonestar.org</a>               |
| NORTEL NETWORKS     | Mini Vasudevan    | +1 972 685 0799        | +1 972 684 3775 | <a href="mailto:minivas@nortelnetworks.com">minivas@nortelnetworks.com</a>     |
| QUALCOMM            | David Ott         | +1 858 845 3018        | +1 858 658 2113 | <a href="mailto:Dott@qualcomm.com">Dott@qualcomm.com</a>                       |
| Qwest               | Jim Gately        | +1 303 541 6415        | +1 303 541 8344 | <a href="mailto:Jgately@uswest.com">Jgately@uswest.com</a>                     |
| Samsung             | Bill Semper       | +1 972 761 7996        | +1 972 761 7909 | <a href="mailto:Bsemper@telecom.samsung.com">Bsemper@telecom.samsung.com</a>   |
| Hitachi             | Yousuke Takahashi | +81 45 865 7003        | +81 45 865 7129 | <a href="mailto:Takahasi@tcd.hitachi.co.jp">Takahasi@tcd.hitachi.co.jp</a>     |
| Sprint PCS          | George Turnipseed | +1 913 664 8432        | +1 913 664 8440 | <a href="mailto:Gturni01@sprintspectrum.com">Gturni01@sprintspectrum.com</a>   |
| Sprint PCS          | Dale Baldwin      | +1 913 890 4250        | +1 913 890 4100 | <a href="mailto:DBaldw01@sprintspectrum.com">DBaldw01@sprintspectrum.com</a>   |
| Winphoria Networks  | Ken Julien        | +1 978 851<br>3636x106 | +1 978 851 4836 | <a href="mailto:Ken@winphoria.com">Ken@winphoria.com</a>                       |

**1. TSG Opening Address by TSG Vice-Chairman**—The Access Network Interfaces TSG (TSG-A) was opened Monday October 23, 2000 at 8:00 AM by Acting Chair Stephen S. Jones representing NEC. A closing plenary was held on Thursday October 26, 2000.

Kauai, Hawaii

December 4, 2000

- 1 **2. Introductions and Attendance Registration**—A quorum call was performed and an attendance  
 2 roster was circulated for reference. As of October 23, 2000, the quorum list included 20 companies:  
 3  
 4

| <i>Company name</i>      | <i>Last meeting attended</i> |
|--------------------------|------------------------------|
| 3Com                     | #20                          |
| Cisco                    | #20                          |
| KDDI                     | #21                          |
| Ericsson                 | #20                          |
| Fujitsu                  | #20                          |
| Hitachi                  | #21                          |
| Hyundai                  | #21                          |
| IDO                      | #20                          |
| LG Electronics           | #21                          |
| LinkAir Communications   | #20                          |
| Lucent Technologies      | #21                          |
| Motorola                 | #21                          |
| NEC                      | #21                          |
| Nortel Networks          | #21                          |
| OKI Network Technologies | #18                          |
| QUALCOMM                 | #21                          |
| Qwest                    | #21                          |
| Samsung                  | #21                          |
| SK Telecom               | #20                          |
| Sprint PCS               | #21                          |

5

### 3. Introduction and Numbering of Documents

The following documents were numbered and assigned to the agenda:

| Document number (3GPP2-A00-20001023-) | Title  | Source    | Agenda item | Disposition  |
|---------------------------------------|--|-----------|-------------|--|
| 001                                   | Proposed agenda  | Chair     | 4           | Approved as modified   |
| 002                                   | Seoul, Korea meeting minutes   | Chair     | 5a          | Approved as modified   |
| 003                                   | Draft Liaison to TSG-C/P/N/S Regarding Terminal Authentication Support in HDR. | Chair     | 7f          | Addressed in WGC and revised. Approved as modified in plenary.                           |
| 004                                   | Work Item for IP RAN Architecture Study.                                       | Chair     | 7d          | Approved as modified   |
| 005                                   | TSG-A report to Steering Committee – November 2000                             | Chair     | 8a          | Modified for presentation at the November 3GPP2 Steering Committee meeting (revision 2). |
| 006                                   | December 4, 2000 meeting notice  | Chair     | 11          | For Information  |
| 007                                   | TFO Meeting notes  | TFO Chair | 7c          | For information  |

**4. Adoption of Agenda--** The Acting-Chair referenced document 3GPP2-A00-20001023-001 for the TSG agenda. After some modification the document was adopted by common consent.

### 5. Meeting Summaries Review and Approval

Document 3GPP2-A00-20001023-002 was presented by the Acting-Chair and approved as modified by the TSG.

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

### 6. Correspondence and liaisons

#### Input

Correspondences received since the last meeting: None

#### Output

Draft Liaison to TSG-C/P/N/S Regarding Terminal Authentication Support in HDR. This was approved in the closing plenary after review by Working Group C.

### 7. Old Business

#### 7a. 2000 Work Plan

Kauai, Hawaii

December 4, 2000

1 Document 3GPP2-A00-20001023-004 was discussed and modified for a work item for IP Based RAN  
2 Architecture Study. The estimated completion date was June 2001. The group will explore alternate  
3 cdma2000 RAN architectures made possible by the utilization of Internet based concepts and protocols.  
4 Evaluation of various characteristics such as performance and complexity will be done in an attempt to  
5 identify a single proposal for subsequent specification work. The target architecture will respect the high  
6 level requirements as specified in the requirements and network architecture documents of the Steering  
7 Committee All-IP Ad Hoc Group.

#### 8 9 7b. IOS V4.1 status

10  
11 There are 2 remaining open V&V items. Completion of V&V is expected before the December 2000  
12 meeting.

#### 13 14 7c. TFO Technical Specification point release (A.S-0004-0.1)

15  
16 Editor has not completed the final editorial changes. See detailed meeting notes in 3GPP2-A00-20001023-007

#### 17 18 7d All IP Radio Access Network

19  
20 Document 3GPP2-A00-20001023-004R4 for a work item on IP RAN Architecture study was approved.

#### 21 22 7e TSG-A vice-chair position

23  
24 Mr. Sung Kim from SK Telecom was nominated as the TSG-A vice-chair from TTA.

### 25 26 **8. New business—**

#### 27 28 8a. TSG-A report to 3GPP2 Steering Committee

29  
30 Document 3GPP2-A00-20001023-005R2 was reviewed, updated and approved as the TSG-A status to the  
31 3GPP2 Steering Committee

### 32 33 **9. Working Group reports**

34  
35 Working Group reports for this meeting will be approved before or at the next TSG-A meeting.

#### 36 37 Working Group A:

38  
39 Bill Semper (Samsung), WGA chairman reported progress made on IOS V4.1 issues. There are two open  
40 items remaining and a timeline has been established for release to SDOs.

41  
42 One half day was requested for the next meeting.

#### 43 44 Working Group B:

Kauai, Hawaii

December 4, 2000

1 Stephen S. Jones (NEC), WGB vice-chair reported that the Abis Technical Specification that the SDO  
2 approval process was ongoing. Progress was made on the architecture for Abis. Completion of the SDO  
3 approval process is now expected by the end of the year.

4

5 One full day was requested for the next meeting.

6

7 Working Group C:

8

9 Thomas Towle (Lucent) , WGC chairman will establish a joint meeting with TSG-C and TSG-P at the  
10 December 2000 meeting regarding 1xEVDO. The Release B work program has made little progress.  
11 There are two item: QoS and IP Multi-cast broadcast. QoS is waiting for a JEM to be scheduled and the  
12 IP Multi-cast and Broadcast has been moved to Release C by TSG-C.

13

14 The B4 work program should be re-visited in the December 2000 meeting.

15

16 Contributions regarding 1xEVDO have started to be received.

17

18 ALL-IP Network Architecture Item: there was a request for contributions for the study of the technical  
19 report and plan to begin work on the ALL-IP Architecture by having a presentation at the December  
20 meeting from the ALL-IP Ad Hoc.

21

22 One and One Half days were requested for the next meeting.

23

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14

**10. Review assignments**

|   |  |                       |
|---|--|-----------------------|
| 1 | Organize a joint meeting between TSG-A, TSG-C, TSG-P in December meeting | Thomas Towle (Lucent) |
| 2 | Request a presentation from the ALL-IP Ad Hoc in the December meeting.   | Thomas Towle (Lucent) |

**11. Next meeting schedule**

Document 3GPP2-A-20001023-006 is the meeting notice for the Kauai, Hawaii meeting scheduled for December 4-8, 2000. It was accepted.

**12. Open discussions** –None were officially recorded.

**13. Adjournment**—The closing plenary meeting was adjourned at 10:28 AM on Thursday October 26, 2000.