

1 **Title:**

2 **APPROVED SUMMARY OF TSG-S MEETING**
3 **for 16-19 June 2008 in Cancun, Mexico**

4 **Source:**

5 Clifton J. Barber

6 TSG-S SECRETARY

7 Representing KDDI

8 CJ Barber Consulting Services

9 3028 Saint Andrews Court

10 Jonesboro, GA 30236

11 (770) 210-2988

12 (770) 456-4099 fax

13 cbarber@cjbarberconsulting.com



15
16 **Abstract:**

17 This document is a summary of the 3GPP2 TSG-S meetings that were held during the period of
18 16-19 June 2008 in Cancun, Mexico.

19
20 **Recommendations:**

21 For review and approval.

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35 the copyright statement above.

1 During the period of 16-19 June 2008, 3GPP2 TSG-S meetings were held at the JW Marriott/Marriott
2 Casamagna Resort in Cancun, Mexico. This document is intended to summarize those proceedings.

4 OPENING PLENARY

5 1. **CALL TO ORDER AND OPENING REMARKS:** The meeting was called to order on
6 Monday 16 June 2008 at 1:10 PM local time by TSG-S Chair, Nick Yamasaki (KDDI).

7 The Chair welcomed everyone to Cancun and requested that they introduce themselves.

8 The meeting participants were requested to sign-in electronically using the server sign-in facility.

9 2. **ATTENDANCE REGISTRATION AND ROLL CALL:** A roll call of companies indicated
10 that 13 companies included on the list of 16 active quorum members were present (81%
11 participation). Thus, meeting quorum was achieved.

12 The Secretary noted that no proxy statements had been received for this meeting.

13 3. **INTRODUCTION AND NUMBERING OF CONTRIBUTIONS:** Contributions were loaded
14 onto the 3GPP2 LAN server and listed in the document register (S00-20080616-000).

15 4. **AGENDA APPROVAL:** The proposed agenda (S00-20080616-001) was presented.

16 The following events for the week were noted:

- 17 • Monday 3:30-5:00 PM WG1 hosted meeting with TSG-C regarding UMB
18 Enhancement
- 19 • Tuesday 12:00-1:00 PM PMT hosted meeting with all TSGs regarding 3GPP2
20 Drafting Rules
- 21 • Wednesday 8:30-9:30 AM TSG-X MMD hosted meeting with WG1 regarding IMS
22 Centralized Services
- 23 • Wednesday 11:00 AM – NOON TSG-X PDS hosted meeting with WG4 regarding
24 LTE-eHRPD interworking security
- 25 • Wednesday 12:30-1:30 PM 3GPP2 hosted lunch in the Gustino Restaurant
- 26 • Thursday 5:00-7:00 PM SC participants review of 3GPP2 Workshop summary

27 **DECISION: The agenda was approved without objection as submitted (S00-20080616-001).**

28 5. **APPROVAL OF PREVIOUS MEETING SUMMARY:** The summary of the TSG-S meeting
29 for May 2008 that was held in Osaka, Japan (S00-20080616-002R1) was presented.

30 **ACTION: This meeting summary was remanded to WG3 for consideration of whether**
31 **documents published by WG5 should keep the WG5 responsibility label or be changed to**
32 **WG2.**

1 6. **REVIEW OF OUTSTANDING ACTIONS FROM PREVIOUS MEETING:** The action
2 items from the May 2008 face-to-face meeting were noted as follows:

3 080331-01 E-mail correspondence dated 6 March 2008 regarding request for input on
4 elimination of an additional meeting in 2009 (S00-20080331-022) from the 3GPP2
5 Secretariat was remanded to all WGs for review and comment with comments to be
6 coordinated by WG3. REF: ACTION 2008/02-04: On the subject of reducing the
7 number of 2009 super-meetings, the TSGs are asked to consider the 2009 3GPP2
8 workload before or during the March/April 2008 meeting to see if any meetings beyond
9 the January 2009 meeting can be eliminated.

10 This action was held open until the closing Plenary.

11 7. **CORRESPONDENCE AND LIAISON REPORTS:**

- 12 • OP: No contributions or discussion.
- 13 • SC: The following contributions were discussed:
- 14 • 3GPP2 Workshop meeting report for May 2008 in Osaka, Japan (S00-20080616-
15 030) was presented from the 3GPP2 Workshop Secretary as FYI for TSG-S.
- 16 • Initial 3GPP2 Workshop Report (S00-20080616-033) was presented from the
17 3GPP2 Workshop Secretary as FYI for TSG-S.
- 18 • 3GPP2 SECRETARIAT: The following contributions were discussed:
- 19 • E-mail correspondences regarding SC level review and approval of SC.R2005-
20 002-0 v1.0 System Release Guide for the UMB-1 Release of the cdma2000
21 System Specifications (S00-20080616-010) was presented from the 3GPP2
22 Secretariat. **ACTION: This contribution was remanded to WG3 for review
23 and action as appropriate.**
- 24 • E-mail correspondences regarding SC level review and approval of S.R0106-A
25 v1.0 Packet-Switched Video Telephony Stage 1 Requirements (S00-20080616-
26 011) was presented from the 3GPP2 Secretariat. **ACTION: This contribution
27 was remanded to WG1 for review and action as appropriate.**
- 28 • E-mail correspondences regarding SC level review and approval of S.R0126-0
29 v1.0 System Requirements for Femto Cell Systems (S00-20080616-012) was
30 presented from the 3GPP2 Secretariat. **ACTION: This contribution was
31 remanded to WG1 for review and action as appropriate.**
- 32 • E-mail correspondence dated 21 May 2008 regarding three (3) WIs approved
33 (S00-20080616-013) was presented from the 3GPP2 Secretariat. **ACTION:
34 This contribution was remanded to WG3 for review and action as
35 appropriate.**
- 36 • 3GPP2 Workshop press release (S00-20080616-014) was presented from the
37 3GPP2 Secretariat as FYI for TSG-S.

- 1 • Correspondence dated 15 May 2008 regarding Proposed Work Item Review (S00-
2 20080616-015) was presented from the PMT Coordinator. **ACTION: This**
3 **contribution was remanded to all WGS for review and comment with**
4 **comments to be coordinated by WG3.**
- 5 • V&V comments regarding S.P0006-0 v1.0 Parts -807 & -808 Wireless Features
6 Description (S00-20080616-025) was presented from the 3GPP2 Secretariat.
7 **ACTION: This contribution was remanded to WG1 for review and action as**
8 **appropriate.**
- 9 • V&V comments regarding S.P0006-000-A v2.0 Wireless Features Description
10 (S00-20080616-026) was presented from the 3GPP2 Secretariat. **ACTION:**
11 **This contribution was remanded to WG1 for review and action as**
12 **appropriate.**
- 13 • V&V comments regarding S.P0131-0 v0.6 IMS Centralized Services Stage 1
14 Requirements (S00-20080616-027) was presented from the 3GPP2 Secretariat.
15 **ACTION: This contribution was remanded to WG1 for review and action as**
16 **appropriate.**
- 17 • MEID Administrator Report for 31 March 2008 (S00-20080616-028) was
18 presented from the 3GPP2 Secretariat. **ACTION: This contribution was**
19 **remanded to WG1 as FYI.**
- 20 • 3GPP2 Workplan files for June 2008 (S00-20080616-031) was presented from the
21 PMT Coordinator. **ACTION: This contribution was remanded to all WGs for**
22 **review and comment with comments to be coordinated by WG3.**
- 23 • TSG-A: Correspondence dated 15 May 2008 regarding TSG-A Work Item, Stage 1, LS,
24 and SC Documents for Review (S00-20080616-007) was presented from TSG-A.
25 **ACTION: This contribution was remanded to WG1 and WG3 for review and**
26 **action as appropriate.**
- 27 • TSG-C: The following contributions were discussed:
- 28 • The TSG-C Liaison Report for March 2008 (S00-20080616-003) was presented
29 from the TSG-C Liaison as FYI for TSG-S. **ACTION: Attachment A was**
30 **remanded to WG3 for review and action as appropriate.**
- 31 • Correspondence to TSG-S Work Plan Coordinator dated 15 May 2008 regarding
32 TSG-C Answers to Work Plan Questions Review (S00-20080616-004) was
33 presented from TSG-C. **ACTION: This contribution was remanded to WG3**
34 **for review and action as appropriate.**
- 35 • Correspondence dated 15 May 2008 regarding Review of Work Item Worksheets
36 (S00-20080616-005) was presented from TSG-C. **ACTION: This contribution**
37 **was remanded to WG3 for review and action as appropriate.**
- 38 • Correspondence dated 15 May 2008 regarding TSG-C Review of Stage 1
39 Documents (S00-20080616-006) was presented from TSG-C. **ACTION: This**
40 **contribution was remanded to WG1 for review and action as appropriate.**

- 1 • TSG-X: The following contributions were discussed:
- 2 • Correspondence dated 15 May 2008 regarding Review Items (S00-20080616-008)
- 3 was presented from TSG-X. **ACTION: This contribution was remanded to**
- 4 **WG1 and WG3 for review and action as appropriate.**
- 5 • Correspondence to the 3GPP2 SC Chair and all TSGs dated 15 May 2008
- 6 regarding TSG-X September 2008 Meeting (S00-20080616-009) was presented
- 7 from TSG-X as FYI for TSG-S.
- 8 • TIA: The following contributions were discussed:
- 9 • Correspondence dated 30 May 2008 regarding TIA Ballot comments for PN-3-
- 10 0123/TSB-152 (S.P0038) Evolution Document (S00-20080616-016) was
- 11 presented from TIA TR45.2. **ACTION: This contribution was remanded to**
- 12 **WG2 for review and action as appropriate.**
- 13 • Correspondence dated 2 June 2008 regarding TIA Default Ballot Comments on
- 14 S.P0127 IMS Security for 2G R-UIMs (S00-20080616-018) was presented from
- 15 TIA AHAG. **ACTION: This contribution was remanded to WG4 for review**
- 16 **and action as appropriate.**
- 17 • Correspondence dated 10 June 2008 regarding Ballot comments for PN-3-
- 18 0317/TIA-1147 (S.P0131) IMS Centralized Services Stage 1 Requirements (S00-
- 19 20080616-023) was presented from TIA TR45.2. **ACTION: This contribution**
- 20 **was remanded to WG1 for review and action as appropriate.**
- 21 • Correspondence dated 10 June 2008 regarding Ballot comments for PN-3-4652-
- 22 RV2 (TIA-664-B)/S.P0006-A: Wireless Feature Description – Parts 000, 807, 808
- 23 (S00-20080616-024) was presented from TIA TR45.2. **ACTION: This**
- 24 **contribution was remanded to WG1 for review and action as appropriate.**
- 25 • ITU: The following contributions were discussed:
- 26 • LS dated 23 May 2008 regarding Consent of Rec.M.3410 - Guidelines and
- 27 Requirements for Security Management Systems to Support Telecommunications
- 28 Management (S00-20080616-020) was presented from ITU-T SG4. **ACTION:**
- 29 **This contribution was remanded to WG2 and WG4 for review and comment**
- 30 **with comments to be coordinated by WG2.**
- 31 • LS dated 23 May 2008 regarding Transition from the NGN Management Focus
- 32 Group to the Joint Coordination Activity on Management (S00-20080616-021)
- 33 was presented from ITU-T SG4. **ACTION: This contribution was remanded**
- 34 **to WG2 for review and action as appropriate.**
- 35 • 3GPP: An LS dated 5 June 2008 regarding Freeze of Stage 2 Specifications of the
- 36 Evolved Packet System in 3GPP (S00-20080616-022) was presented from 3GPP SA.
- 37 **ACTION: This contribution was remanded to WG1, WG2, and WG4 for review**
- 38 **and comment with comments to be coordinated directly with TSG-X.**
- 39 • 3GPP TSG-SA5 and T1M1: No contributions or discussion.
- 40 • IEEE or WiFi Alliance: No contributions or discussion.

- 1 • OMA: No contributions or discussion.
- 2 • CDG: No contributions or discussion.
- 3 • Other: A Liaison Statement to 3GPP2 regarding Mobile Backhaul Implementation
4 Agreement (S00-20080616-017) was presented from Metro Ethernet Forum. **ACTION:**
5 **This contribution was remanded to all WGs for review and comment with**
6 **comments to be coordinated by WG2.**
- 7 8. **NEW/OLD BUSINESS:** No contributions or discussion.
- 8 9. **WORKING GROUP AND ADHOC BUSINESS:**
- 9 • WG1 REQUIREMENTS: Proposal for service roadmap approach for 3GPP2 vision
10 (S00-20080616-019) was presented from LG Telecom. **ACTION: This contribution**
11 **was remanded to WG1 for review and action as appropriate.**
- 12 **ACTION: Based on the fact that that the TSG-S Vision AdHoc was made dormant**
13 **but not officially disbanded, all WGs were requested to provide comments to the**
14 **Chair by closing Plenary on whether this AdHoc should be reactivated to handle**
15 **development of an update to the 3GPP2 Vision document or whether this**
16 **responsibility should be assigned to one (1) of the existing WGs. WG1 will host joint**
17 **WG discussions on this topic to be held on Tuesday at 10:00 AM local time.**
- 18 • WG2 ARCHITECTURE: No contributions or discussion.
- 19 • WG3 PMT: A Proposed Work Item Proposal for 3GPP2 Vision Document focused on
20 the Early Part of 2010s (S00-20080616-032) was presented from KDDI, LG Telecom,
21 Qualcomm, and US Cellular. **ACTION: This contribution was remanded to WG3**
22 **for review and action as appropriate.**
- 23 • WG4 SECURITY: No contributions or discussion.

24 This session was recessed on 16 June 2008 at 3:07 PM local time.

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28 **CLOSING PLENARY**

29 The meeting was reconvened on Thursday 19 June 2008 at 1:33 PM local time by TSG-S Chair, Nick
30 Yamasaki (KDDI).

31 Quorum was established at the opening Plenary and not challenged at this time. No additional 3GPP2
32 individual member companies were noted in attendance.

33 Participants were also requested to make sure they have signed-in on the electronic sign-in sheet.

10. WORKING GROUP REPORTS:

- **WG1 REPORT:** The WG1 report (S00-20080616-101R1) was presented by WG1 Chair, Alex Gogic (Qualcomm), as FYI.
 - Documents being recommended for publication:
 - S.P0131-0 IMS Centralized Services Stage 1 (to be published as S.R0131-0 v1.0)
 - Documents being recommended for V&V review:
 - S.P0136-0 v0.1 System Requirements for MSC Pool
 - Documents being recommended for TSG review: NONE
 - Progressed the development of the following:
 - S.P0131 IMS Centralized Services
 - S.P0134 UMB Enhancements
 - S.P0136 MSC Pool
 - Vision Document (new business being handled by WG-1 until further SC guidance)
 - Did not discuss September 2008 meeting or 2009 meeting schedule.

DECISION: S.P0131-0 IMS Centralized Services (S00-20080616-121) was approved without objection for publication as S.R0131-0 v1.0 pending editorial update of header, cover page, ad file properties.

DECISION: Proposed correspondence to TIA TR45.2 regarding disposition of ballot comments on S.P0131-0 IMS Centralized Services (S00-20080616-122R1) was approved without objection for transmission with its attachment plus S00-20080616-121 attached.

DECISION: Proposed correspondence to all TSGs regarding comments on S.P0134-0 Evolution of UMB SRD (S00-20080616-123R1) was approved without objection for transmission with its attachment.

DECISION: S.P0136 v0.1 System Requirements for MSC Pool (S00-20080616-117) was approved without objection for V&V review by the 3GPP2 OPs and as FYI for all TSGs with comments due on or before 22 August 2008.

DECISION: Proposed correspondence to TSG-A regarding comments on S.P0136 System Requirements for MSC Pool (S00-20080616-118R1) was approved without objection for transmission with S00-20080616-117B attached.

DECISION: Proposed correspondence to TSG-X regarding comments on S.P0136 System Requirements for MSC Pool (S00-20080616-119R1) was approved without objection for transmission with S00-20080616-117B attached.

DECISION: Proposed correspondence to TIA TR45.2 regarding V&V review of S.P0136 System Requirements for MSC Pool (S00-20080616-120R1) was approved without objection for transmission with S00-20080616-117B attached.

ACTION: The WG1 Development Schedule (S00-20080616-101A) was remanded to WG3 for review and action as appropriate.

- 1 • WG2 REPORT: The WG2 report (S00-20080616-102) was presented by WG2 Co-
2 Chairs, Randy Scheer (Alcatel-Lucent), and Scott Marin (Motorola) as FYI. This was a
3 combined report of Network Architecture and OAM&P issues although most of the
4 activities for this month were related to OAM&P issues.
- 5 • S.R0028-D v1.0 OAM&P for cdma2000 was agreed to be recommended for
6 V&V review. A conference call has been scheduled for 22 August, 2008, 09:00-
7 10:00 EST to review and resolve the V&V comments.
- 8 • Progressed the development of the following additional documents:
- 9 • S.R0137-0 v1.0, Common IMS Impacts
- 10 • S.R0093-0 v2.3 cdma2000 Performance Measurements. Planned for
11 V&V release as an output of the July 2008 meeting.
- 12 • TIA ballot comments were received from TIA TR45.2 related to S.R0038 3GPP2
13 Evolution document that was published some time ago by TSG-S. These
14 comments were all editorial in nature except for changes that may be considered
15 after the initial publication. After discussion with TR45.2, TIA has decided to
16 cancel the transposition of this document.
- 17 • WG2 has no need to meet in September 2008.
- 18 • Regarding the 2009 meeting schedule, WG2 expects less work in 2009 than in
19 2008. Only a few people (less than five (5)) have been attending WG2 meetings.
20 Much of the O&M work can be handled via conference calls. The 3GPP2
21 architecture work is fairly mature and little revision of the architectures are
22 expected. WG2 recommends eight or fewer face-to-face meetings for 2009.

23 **DECISION: S.P0028-D v0.9 OAM&P specification (S00-20080616-106) was**
24 **approved without objection for V&V review by the 3GPP2 OPs and as FYI for all**
25 **TSGs with comments due on or before 20 August 2008.**

26 **DECISION: Proposed correspondence to TIA TR45 regarding V&V release of**
27 **S.P0028-D OAM&P specification (S00-20080616-110) was approved without**
28 **objection for transmission with S00-20080616-106A attached.**

29 Proposed correspondence to MEF regarding Mobile Backhaul Implementation
30 Agreement (S00-20080616-111) was presented. This draft was reviewed and updated
31 based on the discussion. **DECISION: This correspondence was approved without**
32 **objection as modified by this discussion (S00-20080616-111R2) pending the addition**
33 **of contact information for Sam Samra (CDG) in the cc list and with S00-20080616-**
34 **106A attached.**

35 **ACTION: WG2 workplan schedule info (S00-20080616-102A) was remanded to**
36 **WG3 for review and action as appropriate.**

- 37 • WG3 REPORT: The WG3 report (S00-20080616-103) was presented by WG3 Chair,
38 Eileen McGrath (NEC), as FYI. This report was not reviewed in detail.
- 39 • Regarding Plenary Open Action 002, as per S00-20080331-022 regarding
40 potential reduction of further meetings in 2009: There is no support in TSG-S
41 PMT for a reduction of meetings in 2009 at this time.

1 **DECISION:** The following WIs were approved without objection for distribution
2 by the PMT Manager for TSG review as available from the 3GPP2 website unless
3 indicated as a contribution number below:

- 4 • **3GPP2-00213: Enhancements to HRPD Air Interface (S00-20080616-103C)**
- 5 • **3GPP2-00214: 3GPP2 Vision Document for 2010 and Beyond (S00-20080616-
6 103D)**
- 7 • **3GPP2-00215: Femto Security Framework (S00-20080616-103E)**

8 **DECISION:** The following WIs were approved without objection for distribution
9 by the PMT Manager for SC level review as available from the 3GPP2 website
10 unless indicated with a contribution number below:

- 11 • **3GPP2-00209: Signaling Conformance Test Specification for Inter-working
12 of cdma2000 1x and High Rate Packet Data Systems**

13 **DECISION:** Proposed correspondence to the 3GPP2 SC Chair regarding Update to
14 SC.R2005-002-0 v2.0 UMB-1 Release (S00-20080616-112) was approved without
15 objection for transmission with its attachments.

16 **DECISION:** Proposed correspondence to the 3GPP2 SC Chair regarding Proposed
17 Update to 3GPP2 Vision Document, SC.R5001-A (S00-20080616-113) was approved
18 without objection for transmission.

19 **DECISION:** Proposed correspondence to TSG-C regarding clarification of open
20 workplan questions with respect to WI 00091 & WI 00208 (S00-20080616-114) was
21 approved without objection for transmission.

22 **DECISION:** Proposed correspondence to the 3GPP2 WPD Convener regarding
23 SC.P1005-0 Drafting Rules Review (S00-20080616-115) was approved without
24 objection for transmission pending the addition of contact information for the WPD
25 Convener.

26 **DECISION:** Proposed correspondence to all TSGs regarding Review of Revisions
27 and Versions currently under Development and Supporting Work Items -- post-
28 UMB1 Release Work Planning Action (S00-20080616-116R1) was approved without
29 objection for transmission with its attachments.

- 30 • **WG4 REPORT:** The WG4 report (S00-20080616-104R1) was presented by WG4 Chair,
31 Anand Palanigounder (Qualcomm), as FYI.
- 32 • **S.P0127-0, CAVE Based IMS Security (to be published as S.S0127-0 v1.0)** was
33 agreed to be recommended for publication.
- 34 • **Progressed the work of the following:**
 - 35 • **S.P0086-B, S.P0127-0 IMS Domain Security**
 - 36 • **EVDO Security**
 - 37 • **Extensive discussions on eHRPD Security and its Key Hierarchy**
 - 38 • **Femto systems security and femto device authentication methods**
39 **(discussed shared key and device certificate based methods)**

- 1 • WG4 attended the joint meeting with TSG-X PDS to help progress some of the
2 outstanding issues with respect to eHRPD security architecture. WG4 and PDS
3 jointly agreed to send a correspondence to 3GPP on the use of access network
4 identity. This correspondence would be sent out from TSG-X closing plenary.
- 5 • WG4 does not have any comments on the number of meetings in 2009, but would
6 like to meet at all the super-meetings that will be held in 2009.
- 7 • WG4 agreed to have one 2-hour conference call on 15th July 2008 from 4:00PM
8 to 6:00 PM Eastern Time to discuss ITU, HRPD Security, and other issues.
- 9 • The WG4 thanked all of the WG4 members for their efforts in achieving
10 publication approval of S.S0127-0 v1.0 CAVE based IMS Security.

11 **DECISION: S.P0127-0 CAVE based IMS Security (S00-20080512-107) was**
12 **approved without objection for publication as S.S0127-0 v1.0.**

13 The TSG-S Chair added his thanks to the WG4 members, the WG4 Chair, Anand
14 Palanigounder (Qualcomm), and the document Editor and WG4 Vice-Chair, Zhibi Wang
15 (Alcatel-Lucent), for their efforts in the publication of S.S0127-0 v1.0 CAVE based IMS
16 Security.

17 **DECISION: Proposed correspondence to TIA TR45 AHAG regarding V&V**
18 **comment resolution of S.P0127-0 CAVE based IMS Security (S00-20080512-108R1)**
19 **was approved without objection for transmission.**

20 **DECISION: Proposed correspondence to TSG-A and TSG-C regarding HRPD key**
21 **derivation (S00-20080512-109) was approved without objection for transmission.**

22 **ACTION: The WG4 Report (S00-20080616-104R1) was remanded to WG3 for**
23 **review and action as appropriate with respect to work planning information therein.**

25 11. ADDITIONAL CORRESPONDENCE AND LIAISON REPORTS:

- 26 • OP: No contributions or discussions.
- 27 • SC: No contributions or discussions.
- 28 • 3GPP2 SECRETARIAT: E-mail correspondence dated 19 June 2008 regarding
29 September 2008 meeting funding (S00-20080512-124) was presented from the 3GPP2
30 Secretariat as FYI for TSG-S.

31 The Chair noted that the efforts related to the following TSG-S activities should be
32 considered with respect to the September 2008 timeframe:

- 33 • Update of 3GPP2 Vision document will be targeted for SC meeting in October
34 2008 in Seoul.
- 35 • 3GPP2 coordination issues with respect to the other TSGs meeting in Vancouver,
36 BC, Canada.

1 The Secretary noted that TSG-C WG2 is committed to the September 2008 but there is
2 still on-going discussion but no consensus on whether or not WG3 will need to meet.
3 WG1 and WG4 will not meet during that meeting and there will probably be no face-to-
4 face Plenary session.

5 The TSG-X Vice-Chair, Toru Owai (NEC), reported on TSG-X discussions. Based on
6 the consideration that TSG-C may also need to meet during that month, TSG-X has
7 requested consideration of 3GPP2 funding of a full super-meeting. However, OP
8 response is still TBD at this time.

9 From a TSG-S perspective:

- 10 • WG1 would benefit from face-to-face meetings at that time to work on the 3GPP2
11 Vision document as well as progressing work in other areas.
- 12 • WG2 does see a need to meet at that time.
- 13 • WG3 would have work to do on WIs, SC documents, and work planning activities
14 during that period plus they would be able to assist if any required cross-TSG
15 coordination is required.
- 16 • WG4 would only need to meet in support of other TSGs meeting at that time. If
17 only some WGs are meeting, then they do not see a need to attend at this time
18 unless specifically requested.

19 **DECISION: The group agreed that the Chair would report the following to the**
20 **3GPP2 Secretariat:**

- 21 • **In the case that a full super-meeting is scheduled, TSG-S will meet and two**
22 **(2) meeting rooms will be required.**
- 23 • **If only some WGs are meeting, TSG-S will need only a single room and we**
24 **will time share within our own WGs.**

- 25 • TSG-A: Correspondence to the 3GPP2 Secretariat and 3GPP2 WPD AdHoc dated
26 16 June 2008 regarding SC.P1005-0 v0.7 Drafting Rules (S00-20080512-007) was
27 presented from TSG-A. **ACTION: This contribution was remanded to WG3 for**
28 **review and action as appropriate.**
- 29 • TSG-C: No contributions or discussions.
- 30 • TSG-X: No contributions or discussions.
- 31 • TIA: No contributions or discussion.
- 32 • ITU: No contributions or discussion.
- 33 • 3GPP: No contributions or discussions.
- 34 • 3GPP TSG-SA5 and T1M1: No contributions or discussions.
- 35 • IEEE or WiFi Alliance: No contributions or discussion.
- 36 • OMA: No contributions or discussion.
- 37 • CDG: No contributions or discussion.

- 1 • Other: No contributions or discussion.

2 12. **NEW BUSINESS (continued):** NONE

3 **13. OLD BUSINESS (continued):**

- 4 • The TSG-S Document Status Table (S00-20080616-100) was presented. **ACTION: All**
5 **document Editors and WG Chairs must review and comment with comments to be**
6 **forwarded to the WG1 Chair by COB Tuesday 24 June 2008.**

7 **14. ADMINISTRATION, OPEN ACTION ITEMS, AND OTHER BUSINESS:**

- 8 • The future meeting schedule for TSG-S is noted as follows:

21-24 July 2008	Ritz-Carlton Orlando Grande Lakes in Orlando, FL, USA
25-28 August 2008	Hyatt Regency Vancouver in Vancouver, BC, Canada
27-30 October 2008	Sheraton Grande Walkerhill Hotel in Seoul, Korea

- 9 • Although not explicitly reviewed during the meeting, the assignments, other than
10 document remands and action items, that were not completed at this meeting are
11 summarized as follows:

12 080616-001 Based on the fact that that the TSG-S Vision AdHoc was made dormant but not
13 officially disbanded, all WGs were requested to provide comments to the Chair by
14 closing Plenary on whether this AdHoc should be reactivated to handle development of
15 an update to the 3GPP2 Vision document or whether this responsibility should be
16 assigned to one (1) of the existing WGs.

17 080616-002 The summary of the TSG-S meeting for May 2008 that was held in Osaka, Japan
18 (S00-20080616-002R1) was remanded to WG3 for consideration of whether documents
19 published by WG5 should keep the WG5 responsibility label or be changed to WG2.

20
21 The Plenary was adjourned on 19 June 2008 at 4:57 PM local time.

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – S00-20080616-			
000	DOCUMENT REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVED
002	TSG-S Meeting Summary – May 2008 – Osaka, Japan	SECRETARY	OPEN
003	TSG-C Liaison Report – May 2008	TSG-C LIAISON	FYI A → WG3
004	Correspondence to TSG-S Work Plan Coordinator dated 15 May 2008 regarding TSG-C Answers to Work Plan Questions	TSG-C	WG3
005	Correspondence dated 15 May 2008 regarding Review of Work Item Worksheets	TSG-C	WG3
006	Correspondence dated 15 May 2008 regarding TSG-C Review of Stage 1 Documents	TSG-C	WG1
007	Correspondence dated 15 May 2008 regarding TSG-A Work Item, Stage 1, LS, and SC Documents for Review	TSG-A	WG1, WG3
008	Correspondence dated 15 May 2008 regarding Review Items	TSG-X	WG1, WG3
009	Correspondence to the 3GPP2 SC Chair and all TSGs dated 15 May 2008 regarding TSG-X September 2008 Meeting	TSG-X	FYI
010	E-mail correspondences regarding SC level review and approval of SC.R2005-002-0 v1.0 System Release Guide for the UMB-1 Release of the cdma2000 System Specifications	3GPP2 SECRETARIAT	WG3
011	E-mail correspondences regarding SC level review and approval of S.R0106-A v1.0 Packet-Switched Video Telephony Stage 1 Requirements	3GPP2 SECRETARIAT	WG1
012	E-mail correspondences regarding SC level review and approval of S.R0126-0 v1.0 System Requirements for Femto Cell Systems	3GPP2 SECRETARIAT	WG1
013	E-mail correspondence dated 21 May 2008 regarding three (3) WIs approved	3GPP2 SECRETARIAT	WG3
014	3GPP2 Workshop press release	3GPP2 SECRETARIAT	FYI
015	Correspondence dated 15 May 2008 regarding Proposed Work Item Review	3GPP2 PMT COORDINATOR	ALL WGs
016	Correspondence dated 30 May 2008 regarding TIA Ballot comments for PN-3-0123/TSB-152 (S.P0038) Evolution Document	TIA TR45.2	WG2

017	Liaison Statement to 3GPP2 regarding Mobile Backhaul Implementation Agreement	MOBILE ETHERNET FORUM	ALL WGs
018	Correspondence dated 2 June 2008 regarding TIA Default Ballot Comments on S.P0127 IMS Security for 2G R-UIMs	TIA TR45 AHAG	WG4
019	Proposal for service roadmap approach for 3GPP2 vision	LG TELECOM	WG1
020	LS dated 23 May 2008 regarding Consent of Rec.M.3410 - Guidelines and Requirements for Security Management Systems to Support Telecommunications Management	ITU-T SG4	WG1, WG2, WG4
021	LS dated 23 May 2008 regarding Transition from the NGN Management Focus Group to the Joint Coordination Activity on Management	ITU-T SG4	WG2
022	LS dated 5 June 2008 regarding Freeze of Stage 2 Specifications of the Evolved Packet System in 3GPP	3GPP SA	WG1, WG2, WG4
023	Correspondence dated 10 June 2008 regarding Ballot comments for PN-3-0317/TIA-1147 (S.P0131) IMS Centralized Services Stage 1 Requirements	TIA TR45.2	WG1
024	Correspondence dated 10 June 2008 regarding Ballot comments for PN-3-4652-RV2 (TIA-664-B)/S.P0006-A: Wireless Feature Description – Parts 000, 807, 808	TIA TR45.2	WG1
025	V&V comments regarding S.P0006-0 v1.0 Parts -807 & -808 Wireless Features Description	3GPP2 SECRETARIAT	WG1
026	V&V comments regarding S.P0006-000-A v2.0 Wireless Features Description	3GPP2 SECRETARIAT	WG1
027	V&V comments regarding S.P0131-0 v0.6 IMS Centralized Services Stage 1 Requirements	3GPP2 SECRETARIAT	WG1
028	MEID Administrator Report – 31 March 2008	3GPP2 SECRETARIAT	WG1
029	WITHDRAWN		
030	3GPP2 Workshop meeting report for May 2008 in Osaka, Japan	3GPP2 WORKSHOP SECRETARY	FYI
031	3GPP2 Workplan files – June 2008	PMT COORDINATOR	ALL WGs
032	Proposed Work Item Proposal for 3GPP2 Vision Document for Early Part of 2010s	KDDI, LG TELECOM, QUALCOMM, and US CELLULAR	WG3

033	Initial 3GPP2 Workshop Report	3GPP2 WORKSHOP SECRETARY	FYI
CLOSING PLENARY – S00-20080616-			
101	WG1 Report	WG1	FYI A→WG3
102	WG2 Report	WG2	FYI A→WG3
103	WG3 Report	WG3	FYI C-E APPROVED
104	WG4 Report	WG4	FYI WG3
105	Correspondence to the 3GPP2 Secretariat and 3GPP2 WPD AdHoc dated 16 June 2008 regarding SC.P1005-0 v0.7 Drafting Rules	TSG-A	FYI
106	S.P0028-D OAM&P specification proposed V&V text	WG2	APPROVED
107	S.P0127-0 CAVE based IMS Security proposed publication text	WG4	APPROVED
108	Proposed correspondence to TIA TR45 AHAG regarding V&V comment resolution of S.P0127-0 CAVE based IMS Security	WG4	APPROVED
109	Proposed correspondence to TSG-A & TSG-C regarding HRPD key derivation	WG4	APPROVED R1
110	Proposed correspondence to TIA TR45 regarding V&V release of S.P0028-D OAM&P specification	WG2	APPROVED
111	Proposed correspondence to MEF regarding Mobile Backhaul Implementation Agreement	WG2	APPROVED R1
112	Proposed correspondence to the 3GPP2 SC Chair regarding Update to SC.R2005-002-0 v2.0 UMB-1 Release	WG3	APPROVED
113	Proposed correspondence to the 3GPP2 SC Chair regarding Proposed Update to 3GPP2 Vision Document, SC.R5001-A	WG3	APPROVED
114	Proposed correspondence to TSG-C regarding clarification of open workplan questions with respect to WI 000091 & WI 00208	WG3	APPROVED
115	Proposed correspondence to the 3GPP2 WPD Convener regarding SC.P1005-0 Drafting Rules Review	WG3	APPROVED
116	Proposed correspondence to all TSGs regarding Review of Revisions and Versions currently under Development and Supporting Work Items -- post-UMB1 Release Work Planning Action	WG3	APPROVED R1

117	S.P0136 v0.1 System Requirements for MSC Pool proposed V&V text	WG1	APPROVED
118	Proposed correspondence to TSG-A regarding comments on S.P0136 System Requirements for MSC Pool	WG1	APPROVED R1
119	Proposed correspondence to TSG-X regarding comments on S.P0136 System Requirements for MSC Pool	WG1	APPROVED R1
120	Proposed correspondence to TIA TR45.2 regarding V&V review of S.P0136 System Requirements for MSC Pool	WG1	APPROVED R1
121	S.P0131-0 IMS Centralized Services proposed publication text	WG1	APPROVED
122	Proposed correspondence to TIA TR45.2 regarding disposition of ballot comments on S.P0131-0 IMS Centralized Services	WG1	APPROVED R1
123	Proposed correspondence to all TSGs regarding comments on S.P0134-0 Evolution of UMB SRD.	WG1	APPROVED R1
124	E-mail correspondence dated 19 June 2008 regarding September 2008 meeting funding	3GPP2 SECRETARIAT	FYI

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PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	TITLE	RESP
S.R0003-0	3GPP2 System Capability Guide v1.0	WG1
S.R0003-A	3GPP2 System Capability Guide v1.0	WG1
S.R0004-0	3GPP2 Service Implementation Guide v1.0	WG1
S.R0005-A	3GPP2 Network Reference Model (Rev. A) v1.0	WG2
S.R0005-B	3GPP2 Network Reference Model (Rev. B) v2.0	WG2
S.R0006-0	Cellular Features Description (TIA/EIA-664-A Rev A) v1.0	WG1
S.R0006-A	Wireless Feature Descriptions v1.0	WG1
S.R0007-0	User Selective Call Forwarding (Stage 1) v2.1	WG1
S.R0008-0	Answer Hold (Stage 1) v2.0	WG1
S.R0009-0	User Identity Module (Stage 1) (PN-4582) v1.0	UIM ID ADHOC
S.R0010-0	Preferred Language Enhancement (Stage 1) (PN-4289) v1.0	WG1
S.R0011-0	Advice of Charge (Stage 1) (PN-4289) v1.0	WG1
S.R0012-0	Rejection of Undesired Annoying Calls (Stage 1) (PN-4289) v1.0	WG1
S.R0013-0	Global Emergency Call Origination (Stage 1) v1.0	WG1
S.R0014-0	Tandem Free Operation (Stage 1) v1.0	WG1
S.R0015-0	ISDN Interworking (Stage 1) v1.0	WG1
S.R0016-0	Automatic Code Gapping (Stage 1) v2.0	WG1
S.R0017-0	3G Wireless Network Management System High Level Requirements (Stage 1) v1.0	WG2
S.R0018-0	Prepaid Services (Stage 1) (PN-4287) v1.0	WG1
S.R0019-0	Location Based System Services (LBSS) Stage 1 v1.0	WG1
S.R0021-0	Multimedia Streaming Stage 1 v1.0	WG1
S.R0022-0	Video Conferencing Stage 1 v1.0	WG1
S.R0023-0	High Speed Data Enhancements for cdma2000 1x Stage 1 - Data Only v2.0	WG1
S.R0024-0	WLL Stage 1 v1.0	WG1
S.R0025-0	WPP Stage 1 v1.0	WG1
S.R0026-0	High Speed Data Enhancements for cdma2000 1x Stage 1 - Integrated Data and Voice (1xEV-DV) v1.0	WG1
S.R0027-0	Personal Mobility Stage 1 v1.0	WG1
S.S0028-0	OAM&P Specification v1.0	WG2
S.S0028-0	OAM&P Specification v2.0	WG2
S.S0028-0	OAM&P Specification v3.0	WG2
S.S0028-A	OAM&P Specification v3.0	WG2
S.S0028-xxx-B	OAM&P Specification v2.0 – parts 000 through 004	WG2
S.S0028-xxx-C	OAM&P Specification v1.0 – parts 000 through 004	WG2
S.R0029-0	Access control based on call type Stage 1 v1.0	WG1
S.R0030-0	Broadcast Multicast Services Stage 1 v1.0	WG1
S.R0030-A	Broadcast Multicast Services Stage 1 v1.0	WG1
S.R0032-0	ESA and ESP Stage 1 v1.0	WG1
S.R0033-0	Realm Configured Packet Data Session Dormancy Timer Stage 1 v1.0	WG1
S.R0034-0	UIM ID Assignment Guidelines v3.0	NUMBERING ADHOC
S.R0035-0	RESCINDED: Superseded by S.R0079-0	WG1
S.R0037-0	3GPP2 NAM v3.0	WG2
S.P0037-A	3GPP2 NAM v1.0	WG2
S.R0037-B	3GPP2 NAM v1.0	WG2
S.R0038-0	3GPP2 Evolution Document v2.0	WG2

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	TITLE	RESP
S.R0045-0	RESCINDED 21 July 2005	WG1
S.R0046-0	RESCINDED 21 July 2005	WG1
S.R0047-0	RESCINDED 21 July 2005	WG1
S.R0048-0	MEID Stage 1 v1.0	NUM ADHOC
S.R0048-A	MEID Stage 1 v4.0	NUM ADHOC
S.R0050-0	RESCINDED 21 July 2005	WG1
S.R0051-0	EMS Stage 1 v1.0	WG1
S.R0052-0	3GPP2 System Release Guide v1.0	WG3
S.S0053-0	Common Cryptographic Algorithms v1.0	WG4
S.S0054-0	Interface Specification for Common Cryptographic Algorithms v1.0	WG4
S.S0055-0	Enhanced Cryptographic Algorithms v1.0	WG4
S.S0055-A	Enhanced Cryptographic Algorithms v4.0	WG4
S.R0057-0	IP Based Service Architecture System Requirements v1.0	WG1
S.R0058-0	IP Multimedia Domain System Requirements v1.0	WG1
S.R0059-0	Legacy MS Domain Step-1 v1.0	WG1
S.R0060-0	Removable User Identity Module (R-UIM) Mobile Equipment (ME) Interface Testing v1.0	UIM ID ADHOC
S.R0061-0	Immediate Messaging v1.0	WG1
S.R0062-0	Presence Service v1.0	WG1
S.R0064-0	Multimedia Messaging Stage 1 v1.0	WG1
S.P0063-0	RESCINDED	
S.R0064-A	Multimedia Messaging Stage 1 v1.0	WG1
S.R0065-0	Fast Call Setup Stage 1 v1.0	WG1
S.R0066-0	IP Based Location Services Stage 1 v1.0	WG1
S.R0067-0	Enhanced Call Recovery Stage 1 v1.0	WG1
S.R0068-0	LLA_ROHC Stage 1 v1.0	WG1
S.R0069-0	Header Stripping and Generation Stage 1 v1.0	WG1
S.R0070-0	3GPP2 Process Guidelines v1.0	WG1
S.R0070-A	PUBLISHED AS SC.R1003-0	WG3
S.R0071-0	Legacy System Packet Data Surveillance Requirements v1.0	WG4
S.R0072-0	IP System Packet Data Surveillance Requirements v1.0	WG4
S.R0073-0	Internet Over-the-Air Handset Configuration Management v1.0	WG1
S.R0074-0	Multimedia File Format Stage 1 v1.0	WG1
S.R0075-0	Accounting and Auditing Stage 1 v1.0	WG1
S.R0077-0	3GPP2 Vision Document - PUBLISHED AS SC.R5001-0	VISION ADHOC
S.S0078-0	Common Security Algorithms v1.0	WG4
S.S0078-A	Common Security Algorithms v4.0	WG4
S.R0079-0	End-to-End QoS Stage 1 v1.0	WG1
S.R0079-A	End-to-End QoS v1.0	WG1
S.P0078-B	Common Security Algorithms V1.0	WG4
S.R0080-0	Wide Band Speech Codec for CDMA 2000 Systems Stage 1 v1.0	WG1
S.R0082-0	Enhanced Packet Data Air Interface Security Stage 1 v1.0	WG4
S.R0083-0	Broadcast-Multicast Service Security Framework v1.0	WG4
S.S0083-0	Broadcast-Multicast Service Security Framework v1.0	WG4
S.R0084-0	Packet PrePaid Services Stage 1 v1.0	WG1
S.P0085-0	3GPP2 Equipment Numbering JEM Report and Conclusions - WITHDRAWN TO BE INCLUDED AS AN ANNEX IN S.R0048 MEID STAGE 1	
S.S0086-0	3GPP2 IMS Security Framework v1.0	WG4

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	TITLE	RESP
S.S0086-A	3GPP2 IMS Security Framework v1.0	WG4
S.S0086-B	3GPP2 IMS Security Framework v2.0	WG4
S.R0087-0	WLAN - cdma2000 Interworking v1.0	WG1
S.R0087-A	WLAN - cdma2000 Interworking v1.0	WG1
S.R0088-0	PUBLISHED AS SC.R4001-0	NUM ADHOC
S.R0089-0	PUBLISHED AS SC.R4002-0	NUM ADHOC
S.R0090-0	Network Initiated Data Sessions (NIDS) v1.0	WG1
S.P0091-0	WITHDRAWN	
S.R0092-0	LMSD Step 2 Stage 1 v1.0	WG1
S.S0093-0	cdma2000 Network Performance Measurement Types v2.0	WG2
S.R0094-0	Rm Interface Enhancements v1.0	WG1
S.R0095-0	Support for ISIM on UICC v1.0	WG1
S.R0096-0	TrFO v1.0	WG1
S.R0097-0	PUBLISHED AS SC.R1001-0	WG3
S.P0098-0	RESCINDED - 2/17/05 - Functionality included in X.P0028	
S.R0099-0	PUBLISHED AS SC.R1002-0	WG3
S.R0100-0	System Requirements for PoC v1.0	WG1
S.R0101-0	IOTA DM Stage 1 v1.0	WG1
S.R0102-0	PUBLISHED AS SC.P2001-0	WG3
S.R0103-0	Network Firewall Configuration and Control Stage 1 v1.0	WG1
S.R0104-0	HAT Authentication System Requirements v1.0	WG1
S.R0105-0	Hotlining System Requirements v1.0	WG1
S.R0106-0	Packet Switched Video Telephony (PSVT) Stage 1 v2.0	WG1
S.P0107-0	RESCINDED - 4/20/05 - Unsponsored WI	
S.R0108-0	HRPD-cdma2000 1x Interworking System Requirements v2.0	WG1
S.S0109-0	General Bootstrapping Architecture (GBA) Stage 2/3 specification v2.0	WG4
S.S0109-A	General Bootstrapping Architecture (GBA) Stage 2/3 specification v1.0	WG4
S.S0110-0	Location Services Security Framework Report v1.0	WG4
S.R0111-0	Expanded R-UIM Identifier Stage 1 v2.0	WG1
S.R0112-0	General Bootstrapping Architecture (GBA) Stage 1 Requirements v1.0	WG1
S.R0113-0	Enhanced cdma2000 SRD v1.0	WG1
S.S0114-0	Security Mechanisms Using GBA v2.0	WG4
S.S0114-A	Security Mechanisms Using GBA v2.0	WG4
S.R0115-0	All-IP Emergency Call Support v1.0	WG1
S.P0116-0	PPP-Free Operation Stage 1 CANCELLED – 26 July 2007	WG1
S.R0117-0	Multimedia Priority Services Stage 1 v1.0	WG1
S.R0118-0	Telephone Number Mapping (ENUM) Stage1 v1.0	WG1
S.R0121-0	3GPP2 Evolved Network SRD v1.0	WG1
S.R0122-0	Preferred Cryptographic Profiles v1.0	WG4
S.R0120-0	MMD Policy Enhancements SRD	WG1
S.R0123-0	Enhanced MMD Security Requirements Stage 1	WG1, WG4
S.R0124-0	UMB NAM	WG2
S.R0125-0	VoIP Supplementary Services Feature Descriptions	WG1
S.R0126-0	System Enhancements for Femto and Pico Cells SRD v1.0	WG1

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	TITLE	RESP
S.S0127-0	CAVE based IMS Security v1.0	WG4
S.R0128-0	HRPD and WiMAX Inter-Technology Handoff Stage 1 Requirements	WG1
S.R0129-0	HRPD/1XRTT and 3GPP E-UTRAN (LTE) Interworking and Inter-Technology Handoff Stage 1 Requirements	WG1
S.R0130-0	Interworking and Inter-Technology Handoff for UMB and UTRA/E-UTRA Technologies Stage 1 v1.0	WG1
S.R0131-0	IMS centralized Services Stage 1 v1.0	WG1

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TSG-S PROJECTS IN DEVELOPMENT		
NUMBER	TITLE	RESP
S.P0028-D	OAM&P for cdma2000	WG2
S.P0076-0	Protocol Alignment Reference	WG3
S.P0093-0	cdma2000 Network Performance Measurement Types	WG2
S.P0119-0	Proximity Mobile Gateway Stage 1	WG1
S.P0132-0	UMB/CAN Security	WG4
S.P0133-0	Call Localization Management Stage 1	WG1
S.P0134-0	Evolution of Ultra Mobile Broadband SRD	WG1
S.P0135-0	Network Architecture Model for cdma2000 Femto-Cell Enabled Systems	WG2
S.P0136-0	System Requirements for MSC Pool	WG1
S.P0137-0	Common IMS Impact to 3GPP2 Specifications	WG2

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3GPP2 QUORUM ROLL CALL
 TSG-S (Systems and Services Aspects)
 Cancun, Mexico
 19-Jun-08

INDIVIDUAL MEMBER COMPANY	Attendance 6/16/2008	Attendance 6/19/2008	Consec Mtgs Missed (incl this Mtg)	Voting Status for this Mtg	Quorum Status for this Mtg	Voting Status as of next Mtg*	Quorum Status as of next Mtg*
ALCATEL-LUCENT	1		0	1	1	1	1
ALLTEL	1		0	1	1	1	1
CHINA UNICOM			3	1	1	0	0
ERICSSON	1		0	1	1	1	1
HITACHI	1		0	1	1	1	1
HUAWEI	1		0	1	1	1	1
KDDI	1		0	1	1	1	1
KYOCERA	1		0	1	1	1	1
LG TELECOM	1		0	1	1	1	1
MOBILE SATELLITE VENTURES (MSV)			3	0	0	0	0
MOTOROLA	1		0	1	1	1	1
NEC	1		0	1	1	1	1
NORTEL NETWORKS	1		0	1	1	1	1
QUALCOMM	1		0	1	1	1	1
RITT			3	0	0	0	0
SK TELECOM			3	1	1	0	0
SPRINT/NEXTEL			3	0	0	0	0
VERIZON WIRELESS	1		0	1	1	1	1
ZTE			1	1	1	1	1
TOTALS	13	0		16	16	14	14
QUORUM CALCULATION	81%	0%					
ADDITIONS							
OBSERVERS AND GUESTS							
ARIB	1						

QUORUM STATUS NOTES:

- HIGHLIGHTED ZERO = Must attend 2 consecutive mtgs to be added to quorum list
- NON-HIGHLIGHTED ZERO = Will be added to quorum list next mtg if they attend
- 0 = Letter of Proxy in effect

* assumes attendance at the next meeting