1 **Title:**

2 **APPROVED SUMMARY OF TSG-S MEETING**

3 **for 14-17 May 2007 in San Diego, CA, USA**

4 **Source:**

5 Clifton J. Barber

6 TSG-C SECRETARY

7
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15

16 **Abstract:**

17 This document is a summary of the 3GPP2 TSG-S meetings that were held during the period of
18 14-17 May 2007 in San Diego, CA, USA.

19

20 **Recommendations:**

21 For review and approval.

22

23 **Notice:**

1 During the period 14-17 May 2007, 3GPP2 TSG-S meetings were held at the Omni San Diego
2 Hotel in San Diego, CA, USA.   This document is intended to summarize those proceedings.

3

4 **OPENING PLENARY**

5 1. CALL TO ORDER AND OPENING REMARKS: The meeting was called to order on
6   14 May 2007 at 1:19 PM local time by TSG-S Chair, Nick Yamasaki (KDDI).

7   The Chair welcomed the participants to San Diego.

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

10 2. ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of companies indicated
11   that 11 companies included on the list of 18 active quorum members were present (61%
12   participation). Thus, meeting quorum was achieved.

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

14 3. INTRODUCTION AND NUMBERING OF CONTRIBUTIONS: Contributions were
15   loaded onto the 3GPP2 LAN server and listed in the document register (S00-20070514-
16   000R1).

17 4. AGENDA APPROVAL: The proposed agenda (S00-20070514-001R1) was presented.

18   **DECISION: The agenda was approved without objection as submitted (S00-20070514-**
19   **001).**

20 5. APPROVAL OF PREVIOUS MEETING SUMMARY: The summary of the TSG-S
21   meeting for March 2007 that was held in Atlanta, GA, USA (S00-20070514-002) was
22   presented.

23   **DECISION: This meeting summary was approved without objection as submitted**
24   **(S00-20070514-002).**

25 6. REVIEW OF OUTSTANDING ACTIONS FROM PREVIOUS MEETING: The action
26   items from the March 2007 face-to-face meeting were noted as follows:

27   061030-01   The Chair requested volunteers to serve in the capacity of WG5 Chair.

28   This action is still OPEN and on-going.

29   061030-02   The Chair remanded an action to WG5 to make a recommendation for
30   someone to serve as the WG5 Chair.

31   This action is still OPEN and on-going.

32   061030-03   Clif Barber (KDDI) was appointed as the WG5 Coordinator to facilitate WG5
33   conference calls and the identification of a volunteer for the position of WG5 Chair.

34   This action is still OPEN and on-going.

1 070301-01   WG2 is soliciting volunteers for the position of WG2 Vice Chair. Volunteers
2   should contact the WG2 Chair, Scott Marin (Motorola), before the opening Plenary
3   of the next meeting in San Diego, CA, USA.

4   This action is still OPEN and on-going.

5 7.   CORRESPONDENCE AND LIAISON REPORTS:

6   •   OP: No contributions or discussion.

7   •   SC: No contributions or discussion.

8   •   3GPP2 SECRETARIAT: The following contributions were discussed:

9   •   Correspondence to all TSGs dated 26 March 2007 regarding Proposed Work
10   Item Review (S00-20070514-015) was presented over the signature of the
11   TSG-S Chair from the PMT Coordinator. **ACTION: This contribution**
12   **was remanded to all WGs for review and comment with comments to be**
13   **coordinated by WG3.**

14   •   E-mail correspondences regarding SC level review and approval of S.R0106-
15   0 v2.0 Packet-Switched Video Telephony Stage 1 and its attachments (S00-
16   20070514-016) were presented from the 3GPP2 Secretariat.

17   **NOTE: The TSG-S participants were advised that the SC level review**
18   **version of S.R0106-0 v2.0 PSVT Stage 1 has now been updated by the**
19   **3GPP2 Secretariat to address SC level review comments.**

20   **ACTION: This contribution was remanded to WG1 for review and**
21   **action.**

22   •   E-mail correspondences regarding SC level review and approval of S.R0122-
23   0 v1.0 Preferred Cryptographic Profiles (S00-20070514-017) was presented
24   from the 3GPP2 Secretariat. **ACTION: This contribution was remanded**
25   **to WG4 as FYI.**

26   •   E-mail correspondence dated 29 March 2007 regarding V&V review of
27   S.P0108-0 v1.4 HRPD-cdma2000 1x Interoperability for Voice and Data -
28   System Requirements (S00-20070514-018) was presented from the 3GPP2
29   Secretariat. **ACTION: This contribution was remanded to WG1 as FYI.**

30   •   E-mail correspondences regarding SC level review and approval of
31   SC.R1001-0 v2.0 Publication Process Guidelines and SC.R1002-0 v2.0
32   Publication Numbering Guidelines (S00-20070514-019) was presented from
33   the 3GPP2 Secretariat. **ACTION: This contribution was remanded to**
34   **WG3 as FYI.**

35   •   E-mail correspondences regarding SC level review and approval of three (3)
36   WI worksheets (S00-20070514-020) was presented from the 3GPP2
37   Secretariat. **ACTION: This contribution was remanded to WG3 for**
38   **review and action as appropriate.**

1   • E-mail correspondence dated 11 April 2007 regarding Release UMB-1
2   Schedule Report (S00-20070514-021) was presented from the 3GPP2
3   Secretariat. **ACTION: This contribution was remanded to all WGs for**
4   **review and comment with comments to be coordinated by WG3.**

5   • E-mail correspondence dated 30 April 2007 regarding Response - S.R0113
6   and S.P0121 references to CAPEX/OPEX (S00-20070514-025) was
7   presented from the 3GPP2 Secretariat. **ACTION: This contribution was**
8   **remanded to WG1 for review and action as appropriate.**

9   Due on the fact that the changes proposed to S.R0113 were directed by the
10   OPs based on legal concerns with certain requirements in that document, the
11   TSG agreed to implement the following gameplan:
12   • All TSGs will be advised that WG1 will review the update to S.R0113
13   to confirm compliance with the OP directive.
14   • This document is intended to be approved at the closing Plenary for a
15   two (2) week V&V review with the additional caveat that, if no V&V
16   comments are received, the document will automatically be released
17   for SC level review for publication as S.R0113 v2.0.
18   • When the document is released for SC level review, the 3GPP2
19   Secretariat will also be directed to remove S.R0113-0 v1.0 from the
20   3GPP2 website.

21   • E-mail correspondence dated 1 May 2007 regarding 3GPP2 Presentation for
22   IMT Advanced Workshop in Kyoto (S00-20070514-026) was presented from
23   the 3GPP2 Secretariat as FYI for TSG-S.

24   • V&V comments regarding S.P0121-0 v0.06 Network Evolution for 3GPP2
25   Network System Requirements Documents (S00-20070514-027) was
26   presented from the 3GPP2 Secretariat. **ACTION: This contribution was**
27   **remanded to WG1 for review and action as appropriate.**

28   • V&V comments regarding S.P0108-0 v1.4 HRPD-cdma2000 1x
29   Interoperability for Voice and Data – System Requirements (S00-20070514-
30   031) was presented from the 3GPP2 Secretariat. **ACTION: This**
31   **contribution was remanded to WG1 for review and action as**
32   **appropriate.**

33   • MEID Administration Report – 30 April 2007 (S00-20070514-027) was
34   presented from the 3GPP2 Secretariat as FYI for TSG-S.

35   • V&V comments regarding SC.P4003-0 v0.6 Expanded R-UIM Numbering
36   Administration Procedures (S00-20070514-035) were presented from the
37   3GPP2 Secretariat. **ACTION: This contribution was remanded to the**
38   **Numbering AdHoc for review and action as appropriate.**

1 • V&V comments regarding SC.P4002-0 v3.3 Mobile Equipment Identifier
2 (MEID) GHA (Global Hexadecimal Administrator Assignment Guidelines
3 and Procedures (S00-20070514-036) were presented from the 3GPP2
4 Secretariat. **ACTION: This contribution was remanded to the**
5 **Numbering AdHoc for review and action as appropriate.**

6 • 3GPP2 Workplan Reports for May 2007 (S00-20070514-042) was presented
7 over the signature of the TSG-S Chair from the PMT Coordinator.
8 **ACTION: This contribution was remanded to all WGs for review and**
9 **comment with comments to be coordinated by WG3.**

10 • TSG-A: The following contributions were discussed:

11 • Correspondence dated 30 March 2007 regarding TSG-A Work Item, Stage 1,
12 LS, and SC Documents for Review (S00-20070514-007) was presented from
13 TSG-A. **ACTION: This contribution was remanded to WG3 for review**
14 **and action as appropriate.**

15 • Correspondence dated 30 March 2007 regarding Review Schedule for Work
16 Items and Stage 1 Documents (S00-20070514-008) was presented from
17 TSG-A. **ACTION: This contribution was remanded to WG1 and WG3**
18 **for review and action as appropriate.**

19 • Correspondence dated 23 April 2007 regarding TSG-A Review of the V&V
20 Version of S.P0121 (S00-20070514-024) was presented from TSG-A.
21 **ACTION: This contribution was remanded to WG1 andWG3 for review**
22 **and action as appropriate.**

23 Proposed correspondence to TSG-A in response to TSG-A Correspondence
24 regarding "Review Schedule for work Items and Stage 1 Documents" dated
25 30 March 2007 (S00-20070514-043) was presented from the WG3 Chair.
26 Action on this document was deferred until closing Plenary.

27 Based on the clarification of the 3GPP2 rules regarding TSG participation in
28 the V&V process, the TSG agreed that WG1 can proceed with the processing
29 of S.P0121 as currently scheduled.

30 • TSG-C: The following contributions were discussed:

31 • The TSG-C Liaison Report for March 2007 (S00-20070514-003) was
32 presented from the TSG-C Liaison as FYI for TSG-S. **ACTION: TSG-C**
33 **WI included as attachment A was remanded to WG3 for review and**
34 **action as appropriate.**

35 • Correspondence dated 30 March 2007 regarding Proposed WI Review (S00-
36 20070514-004) was presented from TSG-C. **ACTION: This contribution**
37 **was remanded to WG3 for review and action as appropriate.**

38 • TSG-C Liaison Report for the 5 April 2007 interim Plenary conference call
39 (S00-20070514-005) was presented from the TSG-C Liaison as FYI for
40 TSG-S.

- Correspondence dated 5 April 2007 regarding 3GPP2 Workplan Updates (S00-20070514-006) was presented from TSG-C. **ACTION: This contribution was remanded to WG3 for review and action as appropriate.**

- Draft presentation for 3GPP2 Efforts Towards IMT-Advanced featuring UMB™ (Ultra Mobile Broadband) System Release 1 (S00-20070514-044) was presented from TSG-C. **ACTION: This contribution was remanded to all WGs as FYI. Interested parties can attend the TSG-C Workshop Preparation AdHoc meeting tonight (14 May 2007) during the 5-7 PM timeframe to participate in the preparation of the final draft of this document.**

- TSG-X: The following contributions were discussed:

  - Correspondence dated 30 March 2007 regarding Work Item Review (S00-20070514-009) was presented from TSG-X. **ACTION: This contribution was remanded to WG3 for review and action as appropriate.**

  - Correspondence dated 30 March 2007 regarding Review of S.P0121-0 v0.6 3GPP2 Evolved Network SRD (S00-20070514-010) was presented from TSG-X. **ACTION: This contribution was remanded to WG1 for review and action as appropriate.**

  - Correspondence dated 30 March 2007 regarding Review of S.P0120 MMD Enhanced Policy Requirements and S.P0123 Enhanced MMD Security Stage 1 (S00-20070514-011) was presented from TSG-X. **ACTION: This contribution was remanded to WG1 for review and action as appropriate.**

  - Correspondence dated 30 March 2007 regarding Input for the UMB NAM (S00-20070514-012) was presented from TSG-X. **ACTION: This contribution was remanded to WG2 for review and action as appropriate.**

  - Correspondence dated 30 March 2007 regarding VoIP Supplementary Service Descriptions (S00-20070514-013) was presented from TSG-X. **ACTION: This contribution was remanded to WG1 for review and action as appropriate.**

  - Correspondence to TSG-C dated 30 March 2007 regarding AltPPP (S00-20070514-014) was presented from TSG-X. **ACTION: This contribution was remanded to WG1 for review and action as appropriate.**

- TIA: The following contributions were discussed:

  - V&V comments regarding SC.P4003-0 v0.6 Expanded R-UIM Numbering Administration Procedures (S00-20070514-038) was presented from the TIA TR45 EUMAG. **ACTION: This contribution was remanded to the Numbering AdHoc for review and action as appropriate.**

1   •   V&V comments regarding SC.P4002-0 v3.3 Mobile Equipment Identifier
2   (MEID) GHA (Global Hexadecimal Administrator Assignment Guidelines
3   and Procedures (S00-20070514-039) was presented from the TIA TR45
4   EUMAG. **ACTION: This contribution was remanded to the Numbering**
5   **AdHoc for review and action as appropriate.**

6   •   ITU: No contributions or discussion.

7   •   3GPP: No contributions or discussion.

8   •   3GPP TSG-SA5 and T1M1: 3GPP LS dated 6 April 2007 regarding Tools To
9   Automatically Build NRM CORBA IDL And XSD Documents (S00-20070514-030)
10   was presented from 3GPP SA5. **ACTION: This contribution was remanded to**
11   **WG5 for review and action as appropriate.**

12   •   IEEE or WiFi Alliance: No contributions or discussion.

13   •   OMA: The following contributions were discussed:

14   •   An LS to 3GPP and 3GPP2 dated 26 February 2007 regarding Authenticate
15   Response (S00-20070514-022) was presented from OMA BCAST.
16   **ACTION: This contribution was remanded to WG3 and WG4 as FYI.**

17   •   An LS dated 19 April 2007 regarding Use of SUPL in IMS Emergency
18   Sessions (S00-20070514-028) was presented from OMA LOC. **ACTION:**
19   **This contribution was remanded to WG3 and WG4 as FYI.**

20   •   An LS dated 18 April 2007 regarding the reply from the 3GPP on IM
21   Charging from OMA MWG (S00-20070514-029) was presented from OMA
22   MCC and MWG-IM. **ACTION: This contribution was remanded to**
23   **WG3 as FYI.**

24   •   An LS dated 18 April 2007 regarding Smart Card File Identifiers for OMA
25   DM and OMA CP (S00-20070514-030) was presented from OMA DM.
26   **ACTION: This contribution was remanded to WG3 as FYI.**

27   •   CDG: No contributions or discussion.

28   •   Other: No contributions or discussion.

29   8.   NEW/OLD BUSINESS: The following contributions were discussed:

30   •   A Presentation of Femto Cell BTS (S00-20070514-045) was presented from LG
31   Telecom. **ACTION: This contribution was remanded to WG1 as FYI.**

32   •   Proposed requirements for Femto cell BTS (S00-20070514-046) was presented from
33   LG Telecom. **ACTION: This contribution was remanded to WG1 for review**
34   **and action as appropriate.**

1 9.   WORKING GROUP AND ADHOC BUSINESS:

2   •   WG1 REQUIREMENTS: Comments on S.P0120 MMD Policy Enhancements
3   System Requirements (S00-20070514-034) was presented from QUALCOMM.
4   **ACTION: This contribution was remanded to WG1 for review and action as**
5   **appropriate.**

6   •   WG2 ARCHITECTURE: No contributions or discussion.

7   •   WG3 PMT: No contributions or discussion.

8   •   WG4 SECURITY: No contributions or discussion.

9   •   WG5 OAM&P: The following contributions were discussed:

10   •   The WG5 Report (S00-20070514-040) was presented by the WG5
11   Coordinator, Clif Barber (KDDI). **ACTION: This contribution was**
12   **remanded to WG3 for review and action as appropriate.**

13   •   Proposed correspondence to 3GPP SA5 regarding Tools To Automatically
14   Build NRM CORBA IDL And XSD Documents (S00-20070514-041) was
15   presented from WG5. **DECISION: This contribution was approved**
16   **without objection for transmission.**

17   •   NUMBERING ADHOC: No contributions or discussion.

18 The Secretary advised the TSG of the recent passing of John Gabor, former V&V Chair for TSG-C
19 and TSG-S.

20 This session was recessed on 14 May 2007 at 3:55 PM local time.

21

22

23 **<u>CLOSING PLENARY</u>**

24 The meeting was reconvened on 17 May 2007 at 2:16 PM local time by TSG-S Chair, Nick
25 Yamasaki (KDDI).

26 Quorum was established at the opening Plenary and not challenged at this time. There was one (1)
27 additional 3GPP2 individual member company noted in attendance.

28

29 10.   WORKING GROUP REPORTS:

30   •   WG1 REPORT: The WG1 report (S00-20070514-101) was presented by WG1
31   Chair, Alex Gogic (QUALCOMM), as FYI.

32   •   Progressed the development of the following documents:
33   •   S.P0006-A Cellular Features Descriptions
34   •   S.P0106-0 Packet-Switched Video Telephony
35   •   S.P0108-0 HRPD – cdma2000-1X Interoperability for Voice and Data
36   SRD
37   •   S.P0116-0 PPP-Free Operation

- S.P0120-0 MMD Policy Enhancements SRD
- S.P0121-0 Network Evolution of 3GPP2 Networks
- S.P0123-0 Enhanced MMD Security Stage 1
- S.P0125-0 VoIP Supplementary Services
- S.R0113-0 Enhanced cdma2000 Air Interface SRD
- S.P0111-0Expanded UIM-ID and associated updates to SC.P4003 EUIMID Numbering Administration Procedures
- SP.R4002 MEID GHA Guidelines and Procedures
- System Enhancements for Femto and Pico Cells (new business)

- Documents being proposed for SC level review and publication:
  - S.P0108-0 HRPD – cdma2000-1X Interoperability for Voice and Data, Stage 1
  - S.P0111-0 Expanded R-UIM Identifier Stage 1
  - SC.P4002-0 Mobile Equipment ID (MEID) GHA Assignment Guidelines and Procedures
  - SC.P4003-0 Expanded R-UIM Numbering Administration Procedures
  - S.P0121-0 Network Evolution for cdma2000 Networks, SRD

- Documents being proposed for V&V review:
  - S.P0113-0 cdma2000 Enhanced Packet Data Air Interface System, SRD
  - S.P0123-0 v 0.1.0, Enhanced MMD Security S.P0123, Stage 1

DECISION: S.P0108-0 HRPD–cdma2000-1x Interworking Stage 1 (S00-20070514-116) was approved without objection for publication as S.R0108-0 v2.0.

DECISION: S.P0111-0 Expanded R-UIM Identifier Stage 1 point release (S00-20070514-109) was approved without objection for publication as S.R0111-0 v2.0.

DECISION: SC.P4002-0 Mobile Equipment Identifier (MEID) GHA Assignment Guidelines and Procedures point release (S00-20070514-110) was approved without objection for publication as SC.R4002-0 4.0.

DECISION: S.P0113-0 v1.1 Enhanced cdma2000 Air Interface SRD (S00-20070514-114) was approved for action as follows:

- **Release for V&V review by the 3GPP2 OPs and FYI for all TSGs with comments due on or before 31 May 2007.**

- **If no V&V comments are received by the due date above, the document will automatically be released for SC level review for publication as S.R0113-0 v2.0.**

- **Once S.R0113-0 v2.0 is approved for publication, S.R0113-0 v1.0 will be removed from the 3GPP2 website.**

1 **DECISION: SC.P4003-0 Expanded R-UIM Numbering Administration**
2 **Procedures point release (S00-20070514-111) was approved without objection**
3 **for publication as SC.R4003-0 v1.0.**

4 **DECISION: Proposed correspondence to TSG-X regarding S.P0116 PPP-Free**
5 **Operation (S00-20070514-122R1) was approved for transmission.**

6 **DECISION: S.P0121-0 v0.07 Network Evolution for cdma2000 Networks SRD**
7 **(S00-20070514-115) was approved without objection for publication as S.R0121-**
8 **0 v1.0.**

9 **DECISION: S.P0123-0 MMD Security Enhancements Stage 1 (S00-20070514-**
10 **112R1) was approved without objection to be released for V&V review by the**
11 **3GPP2 OPs and FYI for all TSGs with comments due on or before 20 July 2007.**

12 **DECISION: Proposed correspondence to TR45.2 regarding S.P0123-0 MMD**
13 **Security Enhancements Stage 1 (S00-20070514-113R1) was approved for**
14 **transmission.**

15 **DECISION: Proposed correspondence to TSG-X regarding Status Update of**
16 **VoIP Supplementary Service Descriptions (S00-20070514-123) was approved**
17 **for transmission with its attachment.**

18 **DECISION: S.P0126-0 was assigned for System Enhancements for Femto and**
19 **Pico Cells Stage 1**

20 • WG2 REPORT: The WG2 report (S00-20070514-102) was presented by WG2
21 Chair, Scott Marin (Motorola), as FYI.

22 • Documents being proposed for SC level review:
23 • S.P0005-B 3GPP2 Network Reference Model
24 • S.P0037-A All IP NAM

25 • Progressed the development of the following documents:
26 • S.P0037-B v1.0 All IP NAM
27 • S.P0124-0 v1.0 UMB NAM

28 **ACTION: The WG2 updated document development schedule (S00-20070514-**
29 **102AR1) was remanded to WG3 for review and action as appropriate.**

30 **DECISION: At the recommendation of WG2, the following persons were**
31 **appointed as the new WG2 Vice-Chairs:**

32 • **Mike Dolan (Alcatel-Lucent)**

33 • **Bjorn Hjelm (ALLTEL)**

34 **DECISION: S.P0005-B NRM (S00-20070514-107) was approved without**
35 **objection for publication as S.R0005-B v2.0. In addition, the 3GPP2 Secretariat**
36 **will be requested to comply with the Suggested Web Page Changes included in**
37 **the cover sheet related to the publication of this document.**

1 **DECISION: S.P0037-A All-IP NAM (S00-20070514-108) was approved without**
2 **objection for publication as S.R0037-A v1.0. In addition, the 3GPP2 Secretariat**
3 **will be requested to comply with the Suggested Web Page Changes included in**
4 **the cover sheet related to the publication of this document.**

5 • WG3 REPORT: The WG3 report (S00-20070514-103) was presented by WG3
6 Chair, Eileen Hadwen (NEC), as FYI. This report was not reviewed in detail.

7 **DECISION: The following WIs were approved without objection for TSG**
8 **review by opening Plenary of the August 2007 meeting as distributed by the**
9 **PMT Manager:**

10 • **3GPP2-00188: Point Release for C.S0084-0 v1.0 (S00-20070514-103C)**

11 • **3GPP2-00189: cdma2000 System Enhancements for Femto and Pico Cell**
12 **Support (FPCS) (S00-20070514-103D)**

13 • **3GPP2-00190: Supplementary Services for VoIP (S00-20070514-103E)**

14 **DECISION: The following WIs were approved without objection for SC level**
15 **review as distributed by the PMT Manager as available from the 3GPP2**
16 **website unless indicated as a contribution number below:**

17 • **3GPP2-00176: Modifications to Band Classes to Support Enhanced**
18 **cdma2000 Air Interface**

19 • **3GPP2-00174: Signaling Conformance Specification for HRPD Rev A**
20 **point release**

21 • **3GPP2-00178: Point release for cdma2000 High Rate Packet Data Air**
22 **Interface Specification Revision B**

23 • **3GPP2-00179: Localized Call Management**

24 • **3GPP2-00180: WLAN Inter-working Enhancements**

25 • **3GPP2-00181: Simultaneous Services Enhancements**

26 **ACTION: Sponsors of 3GPP2-00177: Emergency and wireless priority support**
27 **in HRPD (KDDI, Sprint-Nextel, and QUALCOMM) must respond to issues**
28 **identified in (S00-20070514-009) correspondence dated 30 March 2007**
29 **regarding Work Item Review from TSG-X.**

30 **DECISION: WI 3GPP2-00077 "PPP Free Operation" was retired without**
31 **objection.**

32 **DECISION: Proposed correspondence to TSG-A in response to TSG-A**
33 **Correspondence dated 30 March 30 2007 on the subject of "Review Schedule**
34 **for work Items and Stage 1 Documents" (S00-20070514-118R1) was approved**
35 **for transmission.**

36 **DECISION: Proposed correspondence to all TSGs regarding 3GPP2 UMB-1**
37 **System Release Review and Questions (S00-20070514-119) was approved for**
38 **transmission with its attachment.**

1 **DECISION: Proposed correspondence to TSG-C regarding Clarification of the**
2 **Process for Work Item Introduction, Numbering and Review (S00-20070514-**
3 **120R1) was approved for transmission.**

4 **DECISION: Proposed correspondence to TSG-C regarding Comment on**
5 **3GPP2-00182 work item (S00-20070514-121R2) was approved for transmission.**

6 • WG4 REPORT: The WG4 report (S00-20070514-104R2) was presented by WG4
7 Vice-Chair, Glen Zorn (Cisco), as FYI.

8 • Progressed the development in the following areas:
9 • S.S0086-B IMS Domain Security
10 • S.S0053, S.S0055, S.S0078 Algorithms
11 • WLAN Security
12 • S.P0123-0 Enhanced MMD Security Requirements
13 • UMB Security

14 **ACTION: The WG4 Report (S00-20070514-104R2) was remanded to WG3 for**
15 **review and action as appropriate with respect to the workplan updates noted in**
16 **that report.**

17 **DECISION: Proposed correspondence to TSG-C regarding fast re-**
18 **authentication indicators (S00-20070514-125) was approved for transmission.**

19 **DECISION: S.P0127-0 was assigned without objection for "IMS Security for**
20 **2G R-UIMs".**

21 • WG5 did not meet during this session.

22

23 • NUMBERING ADHOC did not meet during this session.

24

25 11. ADDITIONAL CORRESPONDENCE AND LIAISON REPORTS:

26 • OP: No contributions or discussions.

27 • SC: No contributions or discussions.

28 • 3GPP2 SECRETARIAT: The Draft 2009 3GPP2 TSG Meeting Calendar (S00-
29 20070514-117) was presented from the 3GPP2 Secretariat.

30 **ACTION: This contribution was remanded to all WGs and AdHocs as FYI.**

31 **ACTION: All TSG-S participants were requested to provide comments on this**
32 **proposed schedule by the opening Plenary of the June 2007 meetings in**
33 **Kunming, China.**

34 • TSG-A: No contributions or discussions.

1   •   TSG-C: Correspondence dated 16 May 2007 regarding Stage 1 Review (S00-
2   20070514-126) was presented from TSG-C. **ACTION: This contribution was**
3   **remanded to WG3 and WG4 as FYI.**

4   •   TSG-X: No contributions or discussions.

5   •   TIA: TIA ballot comments regarding TIA-1123 (S.P0121-0) Evolved Network SRD
6   (S00-20070514-106) was presented from TIA TR45.2. **ACTION: This**
7   **contribution was remanded to WG1 for review and action as appropriate.**

8   •   ITU: No contributions or discussion.

9   •   3GPP: No contributions or discussion.

10   •   3GPP TSG-SA5 and T1M1: No contributions or discussion.

11   •   IEEE or WiFi Alliance: No contributions or discussion.

12   •   OMA: No contributions or discussion.

13   •   CDG: No contributions or discussion.

14   •   Other: No contributions or discussion.

15   12.   NEW BUSINESS (continued): Proposed correspondence to 3GPP regarding Mobility
16   interworking between 3GPP and 3GPP2 systems (S00-20070514-124) was presented from
17   ALLTEL, US Cellular, and SK Telecom. **DECISION: This contribution was approved**
18   **without objection as modified by the discussion (S00-20070514-124AR3) for**
19   **transmission, pending editorial updates by the Secretary, with S.P0121-0 v0.07**
20   **Network Evolution for cdma2000 Networks SRD (S00-20070514-115).**

21   13.   OLD BUSINESS (continued):

22   •   The TSG-S Document Status Table (S00-20070212-100) was presented and
23   reviewed. **DECISION: This contribution (S00-20070212-100R1) was approved**
24   **pending final review by WG Chairs and document Editors by COB Tuesday**
25   **22 May 2007.**

26   14.   ADMINISTRATION AND OTHER BUSINESS:

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

18-20 June 2007	Kunming, China
23-26 July 2007	Hyatt Regency Calgary Hotel in Calgary, AB, Canada
27-30 August 2007	Hilton Montreal Bonaventure in Montreal, QC, Canada

1   •   Although not explicitly reviewed during the meeting, the assignments, other than
2   document remands, that were not completed at this meeting are summarized as
3   follows:

4   061030-01   The Chair requested volunteers to serve in the capacity of WG5 Chair.

5   061030-02   The Chair remanded an action to WG5 to make a recommendation for
6   someone to serve as the WG5 Chair.

7   061030-03   Clif Barber (KDDI) was appointed as the WG5 Coordinator to facilitate WG5
8   conference calls and the identification of a volunteer for the position of WG5 Chair.

9   The Plenary was adjourned on 17 May 2007 at 5:03 PM local time.

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NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – S00-20070514-			
000	DOCUMENT REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVAL
002	TSG-S Meeting Summary - March 2007 – Atlanta, GA, USA	SECRETARY	APPROVAL
003	TSG-C Liaison Report – March 2007	TSG-C LIAISON	FYI Attach A to WG3
004	Correspondence dated 30 March 2007 regarding Proposed WI Review	TSG-C	WG3
005	TSG-C Liaison Report – 5 April 2007	TSG-C LIAISON	FYI
006	Correspondence dated 5 April 2007 regarding 3GPP2 Workplan Updates	TSG-C	WG3
007	Correspondence dated 30 March 2007 regarding TSG-A Work Item, Stage 1, LS, and SC Documents for Review	TSG-A	WG3
008	Correspondence dated 30 March 2007 regarding Review Schedule for Work Items and Stage 1 Documents	TSG-A	WG1, WG3
009	Correspondence dated 30 March 2007 regarding Work Item Review	TSG-X	WG3
010	Correspondence dated 30 March 2007 regarding Review of S.P0121-0 v0.6 3GPP2 Evolved Network SRD	TSG-X	WG1
011	Correspondence dated 30 March 2007 regarding Review of S.P0120 MMD Enhanced Policy Requirements and S.P0123 Enhanced MMD Security Stage 1	TSG-X	WG1
012	Correspondence dated 30 March 2007 regarding Input for the UMB NAM	TSG-X	WG2

NUMBER	SUBJECT	SOURCE	ACTION
013	Correspondence dated 30 March 2007 regarding VoIP Supplementary Service Descriptions	TSG-X	WG1
014	Correspondence to TSG-C dated 30 March 2007 regarding AltPPP	TSG-X	WG1
015	Correspondence to all TSGs dated 26 March 2007 regarding Proposed Work Item Review	PMT COORDINATOR	ALL WGs
016	E-mail correspondences regarding SC level review and approval of S.R0106-0 v2.0 Packet-Switched Video Telephony Stage 1	3GPP2 SECRETARIAT	WG1
017	E-mail correspondences regarding SC level review and approval of S.R0122-0 v1.0 Preferred Cryptographic Profiles	3GPP2 SECRETARIAT	WG4
018	E-mail correspondence dated 29 March 2007 regarding V&V review of S.P0108-0 v1.4 HRPD-cdma2000 1x Interoperability for Voice and Data - System Requirements	3GPP2 SECRETARIAT	WG1
019	E-mail correspondences regarding SC level review and approval of SC.R1001-0 v2.0 Publication Process Guidelines and SC.R1002-0 v2.0 Publication Numbering Guidelines	3GPP2 SECRETARIAT	WG3
020	E-mail correspondences regarding SC level review and approval of three (3) WI worksheets	3GPP2 SECRETARIAT	WG3
021	E-mail correspondence dated 11 April 2007 regarding Release UMB-1 Schedule Report	3GPP2 SECRETARIAT	ALL WGs
022	LS to 3GPP and 3GPP2 dated 26 February 2007 regarding Authenticate Response	OMA BCAST	WG3, WG4
023	3GPP LS dated 6 April 2007 regarding Tools To Automatically Build NRM CORBA IDL And XSD Documents	3GPP SA5	WG5
024	Correspondence dated 23 April 2007 regarding TSG-A Review of the V&V Version of S.P0121	TSG-A	WG3
025	E-mail correspondence dated 30 April 2007 regarding Response: S.R0113 and S.P0121 references to CAPEX/OPEX	3GPP2 SECRETARIAT	WG1

NUMBER	SUBJECT	SOURCE	ACTION
026	E-mail correspondence dated 1 May 2007 regarding 3GPP2 Presentation for IMT Advanced Workshop in Kyoto	3GPP2 SECRETARIAT	FYI
027	V&V comments regarding S.P0121-0 v0.06 Network Evolution for 3GPP2 Network System Requirements Documents	3GPP2 SECRETARIAT	WG1
028	LS dated 19 April 2007 regarding Use of SUPL in IMS Emergency Sessions	OMA LOC	WG3, WG4
029	LS dated 18 April 2007 regarding the reply from the 3GPP on IM Charging from OMA MWG	OMA MCC AND OMA MWG-IM	WG3
030	LS dated 18 April 2007 regarding Smart Card File Identifiers for OMA DM and OMA CP	OMA DM	WG3
031	V&V comments regarding S.P0108-0 v1.4 HRPD-cdma2000 1x Interoperability for Voice and Data – System Requirements	3GPP2 SECRETARIAT	WG1
032	MEID Administration Report – 30 April 2007	3GPP2 SECRETARIAT	FYI
033	V&V comments regarding S.P0111-0 v1.2 Expanded R-UIM Identifier Stage 1 Requirements	3GPP2 SECRETARIAT	WG1 AND NUMBERING ADHOC
034	Comments on S.P0120 MMD Policy Enhancements System Requirements	QUALCOMM	WG1
035	V&V comments regarding SC.P4003-0 v0.6 Expanded R-UIM Numbering Administration Procedures	3GPP2 SECRETARIAT	NUMBERING ADHOC
036	V&V comments regarding SC.P4002-0 v3.3 Mobile Equipment Identifier (MEID) GHA (Global Hexadecimal Administrator Assignment Guidelines and Procedures	3GPP2 SECRETARIAT	NUMBERING ADHOC
037	WITHDRAWN		
038	V&V comments regarding SC.P4003-0 v0.6 Expanded R-UIM Numbering Administration Procedures	TR45 EUMAG	NUMBERING ADHOC

NUMBER	SUBJECT	SOURCE	ACTION
039	V&V comments regarding SC.P4002-0 v3.3 Mobile Equipment Identifier (MEID) GHA (Global Hexadecimal Administrator Assignment Guidelines and Procedures	TR45 EUMAG	NUMBERING ADHOC
040	WG5 Interim Meeting Report	WG5	FYI
041	Proposed correspondence to 3GPP SA5 regarding Tools To Automatically Build NRM CORBA IDL And XSD Documents	WG5	APPROVAL
042	3GPP2 Workplan Reports – May 2007	3GPP2 SECRETARIAT	ALL WGs
043	Proposed correspondence to TSG-A in response to TSG-A Correspondence regarding "Review Schedule for work Items and Stage 1 Documents" dated 30 March 2007	PMT CHAIR	APPROVAL
044	Draft presentation for 3GPP2 Efforts Towards IMT-Advanced featuring UMB™ (Ultra Mobile Broadband) System Release 1	TSG-C	ALL WGs
045	Presentation of Femto Cell BTS	LGT	WG1
046	Proposed requirements for Femto cell BTS	LGT	WG1
CLOSING PLENARY – S00-20070514-			
101	WG1 Report	WG1	FYI
102	WG2 Report	WG2	FYI
103	WG3 Report	WG3	FYI
104	WG4 Report	WG4	FYI
105	WG5 Report	WG5	FYI
106	TIA ballot comments regarding TIA-1123 (S.P0121-0) Evolved Network SRD	TIA TR45.2	WG1
107	S.P0005-B NRM proposed publication text	WG2	APPROVAL
108	S.P0037-A All-IP NAM proposed publication text	WG2	APPROVAL

NUMBER	SUBJECT	SOURCE	ACTION
109	S.P0111-0 Expanded R-UIM Identifier Stage 1 point release proposed publication text	WG1	APPROVAL
110	SC.P4002-0 Mobile Equipment Identifier (MEID) GHA Assignment Guidelines and Procedures point release proposed publication text	WG1	APPROVAL
111	SC.P4003-0 Expanded R-UIM Numbering Administration Procedures point release proposed publication text	WG1	APPROVAL
112	S.P0123-0 MMD Security Stage 1 proposed V&V text	WG1	APPROVAL
113	Proposed correspondence to TR45.2 regarding S.P0123-0 MMD Security Stage 1	WG1	APPROVAL
114	S.P0113-0 v1.1 Enhanced cdma2000 Air Interface SRD proposed V&V/publication text	WG1	APPROVAL
115	S.P0121-0 v0.07 Network Evolution for cdma2000 Networks SRD proposed publication text	WG1	APPROVAL
116	S.P0108-0 HRPD–cdma2000-1X Interworking Stage 1 proposed publication text	WG1	APPROVAL
117	Draft 2009 3GPP2 TSG Meeting Calendar	3GPP2 SECRETARIAT	ALL WGs
118	Proposed correspondence to TSG-A in response to TSG-A Correspondence dated 30 March 30 2007 on the subject of "Review Schedule for work Items and Stage 1 Documents"	WG3	APPROVAL
119	Proposed correspondence to all TSGs regarding 3GPP2 UMB-1 System Release Review and Questions	WG3	APPROVAL
120	Proposed correspondence to TSG-C regarding Clarification of the Process for Work Item Introduction, Numbering and Review	WG3	APPROVAL
121	Proposed correspondence to TSG-C regarding Comment on 3GPP2-00182 work item	WG3	APPROVAL

NUMBER	SUBJECT	SOURCE	ACTION
122	Proposed correspondence to TSG-X regarding S.P0116 – PPP-Free Operation	WG1	APPROVAL
123	Proposed correspondence to TSG-X regarding Status Update of VoIP Supplementary Service Descriptions	WG1	APPROVAL
124	Proposed correspondence to 3GPP regarding Mobility interworking between 3GPP and 3GPP2 systems	ALLTEL, US CELLULAR, AND SK TELECOM	APPROVAL
125	Proposed correspondence to TSG-C regarding fast re-authentication indicators	WG4	APPROVAL
126	Correspondence dated 16 May 2007 regarding Stage 1 Review	TSG-C	WG3

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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.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	WG5
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	WG5
S.S0028-0	OAM&P Specification v2.0	WG5
S.S0028-0	OAM&P Specification v3.0	WG5
S.S0028-A	OAM&P Specification v3.0	WG5
S.S0028-xxx-B	OAM&P Specification v2.0 - parts 000 through 004	WG5
S.S0028-xxx-C	OAM&P Specification v1.0 - parts 000 through 004	WG5
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 v2.0	UIM
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.R0038-0	3GPP2 Evolution Document v2.0	WG2
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

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	**TITLE**	**RESP**
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 v3.0	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 v3.0	WG4
S.R0079-0	End-to-End QoS Stage 1 v1.0	WG1
S.R0079-A	End-to-End QoS v1.0	WG1
S.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
S.S0086-A	3GPP2 IMS Security Framework v1.0	WG4
S.S0086-B	3GPP2 IMS Security Framework v1.0	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

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	**TITLE**	**RESP**
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	WG5
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 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 v1.0	WG4
S.R0115-0	All-IP Emergency Call Support v1.0	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

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TSG-S PROJECTS IN DEVELOPMENT		
NUMBER	**TITLE**	**RESP**
S.P0006-A	Wireless Feature Descriptions	WG1
S.P0028-xxx-C	OAM&P	WG5
S.P0037-B	3GPP2 NAM	WG2
S.P0076-0	Protocol Alignment Reference	WG3
S.P0093-A	Definition of Performance Measurement Types	WG5
S.P0116-0	PPP-Free Operation Stage 1	WG1
S.P0119-0	Proximity Mobile Gateway Stage 1	WG1
S.P0120-0	MMD Policy Enhancements SRD	WG1
S.P0123-0	Enhanced MMD Security Requirements Stage 1	WG4
S.P0124-0	UMB NAM	WG2
S.P0125-0	VoIP Supplementary Services Feature Descriptions	WG1
S.P0126-0	System Enhancements for Femto and Pico Cells Stage 1	WG1
S.P0127-0	IMS Security for 2G R-UIMs	WG4

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3GPP2 QUORUM ROLL CALL
TSG-S (Systems and Services Aspects)
    San Diego, CA, USA
        17-May-09

INDIVIDUAL MEMBER COMPANY	Attendance	Attendance	Consec Mtgs Missed	Voting Status	Quorum Status	Voting Status	Quorum Status
	5/14/2007	5/17/2009	(incl this Mtg)	for this Mtg	for this Mtg	as of next Mtg*	as of next Mtg*
ALCATEL-LUCENT	1		0	1	1		
ALLTEL	1		0	1	1		
BELL CANADA			3	0	0		
CHINA UNICOM			0	1	1		
CISCO	1		0	1	1		
DOCOMO US LABORATORIES			3	0	0		
ERICSSON			0	0	0		
ETRI			2	0	0		
FUJITSU	1		0	1	1		
GEMALTO	1		0	1	0		
HITACHI	1		0	0	0		
HUAWEI	1		0	1	1		
KDDI	1		0	1	1		
KYOCERA	1		0	1	1		
LG ELECTRONICS	1		0	1	1		
LG TELECOM	1		0	1	1		
MOTOROLA	1		0	1	1		
NEC	1		0	1	1		
NOKIA-SIEMENS			0	0	0		
NORTEL NETWORKS		1	0	1	1		
QUALCOMM	1		0	1	1		
RESEARCH IN MOTION			0	1	0		
RITT			3	0	0		
SAMSUNG			0	1	0		
SK TELECOM	1		1	0	0		
SPRINT/NEXTEL			0	1	1		
TELCORDIA			0	1	1		
TELCOWARE			1	1	1		
TELLABS			0	0	0		
US CELLULAR			0	0	0		
VERIZON WIRELESS			1	0	1		
ZTE			0	0	0		
TOTALS	11	1		20	18	0	0
QUORUM CALCULATION	61%	6%					
ADDITIONS							
OBSERVERS AND GUESTS							
ARIB	1						
CDG		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

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