1 **Title:**

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

3 **for 16-19 February 2009 in Shanghai, China**

4 **Source:**

5 Clifton J. Barber

6 TSG-S 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 16-19 February 2009 in Shanghai, China.

19

20 **Recommendations:**

21 For review and approval.

22

23 **Notice:**

1 During the period of 16-19 February 2009, 3GPP2 TSG-S meetings were held at the Sheraton Shanghai
2 Hotel & Residences Pudong in Shanghai, China.   This document is intended to summarize those
3 proceedings.

4

5 **OPENING PLENARY**

6 1.   **CALL TO ORDER AND OPENING REMARKS:** The meeting was called to order on
7   Monday 16 February 2009 at 1:33PM local time by TSG-S Chair, Nick Yamasaki (KDDI).

8 The Chair welcomed everyone to Shanghai.

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

10 The Chair re-appointed the current WG and AdHoc Chairs to continue their current
11 responsibilities.

12 2.   **ATTENDANCE REGISTRATION AND ROLL CALL:** A roll call of companies indicated
13   that 10 companies included on the list of 14 active quorum members were present (71%
14   participation). Thus, meeting quorum was achieved.

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

16 3.   **INTRODUCTION AND NUMBERING OF CONTRIBUTIONS:** Contributions were loaded
17   onto the 3GPP2 LAN server and listed in the document register (S00-20090216-000).

18 4.   **AGENDA APPROVAL:** The proposed agenda (S00-20090216-001) was presented.

19 The following events for the week were noted:

20 •   The Vision AdHoc will meet on Monday during the 5-7 PM time slot.

21 •   WG1 will hold a joint meeting with TSG-C on Tuesday during the 4-5 PM time slot to
22   discuss OMA DM issues.

23 •   The 3GPP2 10th anniversary celebration will be held on Thursday during the 6:30–10:30
24   PM time slot.

25 **DECISION: The agenda was approved without objection as submitted (S00-20090216-001).**

26 5.   **APPROVAL OF PREVIOUS MEETING SUMMARY:** The summary of the TSG-S meeting
27   for December 2008 that was held in Maui, HI, USA (S00-20090216-002) was presented.

28 **DECISION: This meeting summary was approved without objection as modified by the**
29 **discussion (S00-20090216-002R1).**

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

3   081201-001   Sponsors of the proposed WI for Coexistence between 3GPP2 systems and non-
4   3GPP2 systems in the CDMA service frequency bands (LGE, LGT, Samsung, and SK
5   Telecom) are requested to participate in PMT meetings in Shanghai to address questions
6   on this WI.

7   This action remains OPEN until the closing Plenary.

8   081201-002   The Secretary took the action to advise the 3GPP2 Secretariat of the results of the
9   elections for TSG-S Leadership for the 2009-2010 term.

10   **DECISION: This action was CLOSED.**

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

12   • OP: No contributions or discussion.

13   • SC: No contributions or discussion.

14   • 3GPP2 SECRETARIAT: The following contributions were discussed:

15   • E-mail correspondences regarding SC level review and approval for S.R0137-0
16   v1.0 Common IMS Impacts to 3GPP2 Specifications (S00-20090216-012) was
17   presented from the 3GPP2 Secretariat. **ACTION: This contribution was**
18   **remanded to WG2 as FYI.**

19   • E-mail correspondence dated 8 December 2008 regarding V&V review for
20   S.P0124-0 v1.2 Ultra Mobile Broadband Network Architecture Model (S00-
21   20090216-013) was presented from the 3GPP2 Secretariat. **ACTION: This**
22   **contribution was remanded to WG2 as FYI.**

23   • E-mail correspondence dated 8 December 2008 regarding V&V review for
24   S.P0037-B v1.2 IP Network Architecture Model for cdma2000 Spread Spectrum
25   Systems (S00-20090216-014) was presented from the 3GPP2 Secretariat. NOTE:
26   The TSG-S document number was incorrectly identified in this correspondence
27   but corrected in S00-20090216-031. **ACTION: This contribution was**
28   **remanded to WG2 as FYI.**

29   • E-mail correspondence dated 9 December 2008 regarding Three (3) Work Item
30   Worksheets Adopted (S00-20090216-015) was presented from the 3GPP2
31   Secretariat. **ACTION: This contribution was remanded to WG3 as FYI.**

32   • E-mail correspondence dated 12 January 2009 regarding WI 3GPP2-00216
33   Adopted (S00-20090216-016) was presented from the 3GPP2 Secretariat.
34   **ACTION: This contribution was remanded to WG3 as FYI.**

35   • E-mail correspondence dated 9 December 2008 regarding SC level review of
36   3GPP2-00216 PMIP Support in 1x/HRPD (S00-20090216-017) was presented
37   from the 3GPP2 Secretariat. **ACTION: This contribution was remanded to**
38   **WG3 as FYI.**

1   •   E-mail correspondence dated 17 December 2008 regarding CONFIRMATION
2   TSG leadership for 2009-2010 term (S00-20090216-018) was presented from the
3   3GPP2 Secretariat as FYI for TSG-S.

4   •   E-mail correspondence dated 27 January 2009 regarding 2009 3GPP2 Secretariat
5   Changes (S00-20090216-019) was presented from the 3GPP2 Secretariat as FYI
6   for TSG-S.

7   •   MEID Administration Report dated 7 January 2009 (S00-20090216-020) was
8   presented from the 3GPP2 Secretariat. **ACTION: This contribution was**
9   **remanded to WG1 as FYI.**

10   •   UIM Administration Report dated 9 January 2009 (S00-20090216-021) was
11   presented from the 3GPP2 Secretariat. **ACTION: This contribution was**
12   **remanded to WG1 as FYI.**

13   •   Correspondence to all TSGs dated 4 December 2008 regarding Proposed Work
14   Item Review (S00-20090216-022) was presented from the PMT Coordinator.
15   **ACTION: This contribution was remanded to all WGs for review and**
16   **comment with comments to be coordinated by WG3.**

17   •   E-mail correspondence dated 8 December 2008 regarding V&V review for
18   S.P0037-B v1.2 IP Network Architecture Model for cdma2000 Spread Spectrum
19   Systems (S00-20090216-031) was presented from the 3GPP2 Secretariat.
20   **ACTION: This contribution was remanded to WG2 as FYI.**

21   •   V&V comments regarding S.P0037-B v1.2 IP Network Architecture Model for
22   cdma2000 Spread Spectrum Systems (S00-20090216-032) was presented from
23   the 3GPP2 Secretariat. **ACTION: This contribution was remanded to WG2**
24   **for review and action as appropriate.**

25   •   MEID Administration Report dated 4 February 2009 (S00-20090216-034) was
26   presented from the 3GPP2 Secretariat. **ACTION: This contribution was**
27   **remanded to WG1 as FYI.**

28   •   V&V comments regarding S.P0037-B v1.2 IP Network Architecture Model for
29   cdma2000 Spread Spectrum Systems (S00-20090216-035) was presented from
30   the 3GPP2 Secretariat. **ACTION: This contribution was remanded to WG2**
31   **for review and action as appropriate.**

32   •   V&V comments regarding S.P0124-0 v1.2 Ultra Mobile Broadband Network
33   Architecture Model (S00-20090216-036) was presented from the 3GPP2
34   Secretariat. **ACTION: This contribution was remanded to WG2 for review**
35   **and action as appropriate.**

36   •   3GPP2 Approved 2010 Meeting Calendar (S00-20090216-040) was presented
37   from the 3GPP2 Secretariat as FYI for TSG-S.

38   This correspondence noted that 3GPP2 is "in jeopardy of incurring penalties for
39   our room block in New Orleans" if participants do not use the 3GPP2 hotel.

1 Approximately 7 persons at this Plenary session indicated their intent to
2 participate in that meeting. Those that were already counted in other TSGs were
3 not added to the TSG-S list.

4 • 3GPP2 Workplan files for February 2009 (S00-20090216-043) were presented
5 from the 3GPP2 PMT Coordinator. **ACTION: This contribution was**
6 **remanded to all WGs for review and comment with comments to be**
7 **coordinated by WG3.**

8 • TSG-A: No contributions or discussion.

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

10 • TSG-C Liaison Report for December 2008 (S00-20090216-003) was presented
11 from the TSG-C Liaison as FYI for TSG-S. **ACTION: Attachments A through**
12 **C were remanded to WG3 for review and action as appropriate.**

13 • Correspondence dated 5 December 2008 regarding TSG-C status of WI review
14 (S00-20090216-004) was presented from TSG-C. **ACTION: This contribution**
15 **was remanded to WG3 for review and action as appropriate.**

16 • Correspondence to TSG-X dated 5 December 2008 regarding eHRPD
17 Terminology and definition (S00-20090216-005) was presented from TSG-C.
18 **ACTION: This contribution was remanded to WG1, WG3, and the Vision**
19 **AdHoc for review and action as appropriate.**

20 • TSG-X: The following contributions were discussed:

21 • Correspondence dated 5 December 2008 regarding Review Items (S00-20090216-
22 006) was presented from TSG-X. **ACTION: This contribution was remanded**
23 **to WG3 for review and action as appropriate.**

24 • Correspondence dated 5 December 2008 regarding Review Items – S.P0129A
25 (S00-20090216-007) was presented from TSG-X. **ACTION: This contribution**
26 **was remanded to WG1 for review and action as appropriate.**

27 • Correspondence to TSG-A dated 5 December 2008 regarding New A12 RADIUS
28 Attribute Definition (S00-20090216-008) was presented from TSG-X. **ACTION:**
29 **This contribution was remanded to WG1 as FYI.**

30 • Correspondence to all TSGs dated 5 December 2008 regarding Definition of
31 Auto-Configuration Parameters for Femtocells (S00-20090216-009) was
32 presented from TSG-X. **ACTION: This contribution was remanded to WG1**
33 **and WG4 for review and action as appropriate.**

34 • Correspondence to TSG-A and TSG-C dated 5 December 2008 regarding
35 Restriction on SO72, eHRPD Definition (S00-20090216-010) was presented from
36 TSG-X. **ACTION: This contribution was remanded to WG1 as FYI.**

37 • Correspondence dated 29 January 2009 regarding Review Item – Vision (S00-
38 20090216-011) was presented from TSG-X. **ACTION: This contribution was**
39 **remanded to the Vision AdHoc for review and action as appropriate.**

- E-mail correspondence dated 5 February 2009 regarding Proposal for all TSG Femto meeting in March 2009 (S00-20090216-037) was presented from TSG-X. **ACTION: This contribution was remanded to all WGs and the Vision AdHoc for review and comment with comments to be coordinated by WG1 by opening Plenary for the March 2009 meeting in New Orleans.**

- Correspondence dated 16 February 2009 regarding PDN ID for Default APN (S00-20090216-041) was presented from TSG-X. **ACTION: This contribution was remanded to WG1 as FYI.**

- TIA: The following contributions were discussed:

  - Correspondence dated 8 December 2008 regarding TIA ballot comments on Comments from ballot for S.P0134/PN-3-0351 Evolution of Ultra Mobile Broadband SRD (S00-20090216-023) was presented from TIA TR45.8. **ACTION: This contribution was remanded to WG1 for review and action as appropriate.**

  - Correspondence dated 8 December 2008 regarding TIA Comments from ballot for S.P0037-B/PN-3-0122-RV2-AD1 3GPP2 All IP NAM (S00-20090216-024) was presented from TIA TR45.8. **ACTION: This contribution was remanded to WG2 for review and action as appropriate.**

  - Correspondence dated 8 December 2008 regarding TIA Comments from ballot for S.P0124-0/SP-3-0031-AD1 UMB NAM (S00-20090216-025) was presented from TIA TR45.8. **ACTION: This contribution was remanded to WG2 for review and action as appropriate.**

  - Correspondence dated 29 January 2009 regarding TIA Comments from ballot for S.P0134-0/PN-3-0351 Evolution of Ultra Mobile Broadband SRD (S00-20090216-026) was presented from TIA TR45.8. **ACTION: This contribution was remanded to WG1 for review and action as appropriate.**

- ITU: An LS dated 23 September 2008 regarding Draft ITU-T Recommendation on Administration and allocation of multicast addresses for civic purposes (S00-20090216-030) was presented from ITU-T SG2. **ACTION: This contribution was remanded to WG1 as FYI.**

- 3GPP: No contributions or discussion.

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

- IEEE or WiFi Alliance: No contributions or discussion.

- OMA: An LS to 3GPP CT dated 12 January 2009 regarding Correct Billing using MMSIP (S00-20090216-029) was presented from OMA MWG MMS. **ACTION: This contribution was remanded to WG3 for review and action as appropriate.**

- CDG: No contributions or discussion.

- Other: No contributions or discussion.

1 8.   **NEW/OLD BUSINESS:** No contributions or discussion.

2 9.   **WORKING GROUP AND ADHOC BUSINESS:**

3   • WG1 REQUIREMENTS: The following contributions were discussed:

4   • E-mail correspondences regarding Plans to Document Femto Cell Systems User's
5   Guide (S00-20090216-027) was presented from the WG1 Chair and others.
6   **ACTION: This contribution was remanded to WG1 for review and action as**
7   **appropriate.**

8   Mike Dolan (Alcatel-Lucent) recommended that no decision be made on whether
9   or not to proceed with this document until after the joint TSG meeting on this
10   topic during the March 2009 meeting. At that time, the document scope will be
11   decided and we will know whether or not this effort is within the scope of 3GPP2.

12   The 5-6 PM time slot on Wednesday was suggested as the optimal time for WG1
13   discussions to allow maximum participation from other TSGs.

14   • A contribution regarding Femto Cell Systems User's Guide Considerations (S00-
15   20090216-042) was presented from Qualcomm. **ACTION: This contribution**
16   **was remanded to WG1 for review and action as appropriate.**

17   • WG2 ARCHITECTURE AND OAM&P: The following contributions were discussed:

18   • V&V comments regarding S.P0037-B All IP NAM (S00-20090216-038) was
19   presented from Motorola. **ACTION: This contribution was remanded to**
20   **WG2 for review and action as appropriate.**

21   • V&V comments regarding S.P0124-0 UMB NAM (S00-20090216-039) was
22   presented from Motorola. **ACTION: This contribution was remanded to**
23   **WG2 for review and action as appropriate.**

24   • WG3 PMT: SC.P2004-003-0 System Release 4 Standardized Services and Features
25   (S00-20090216-028) was presented from the WG3 Chair. **ACTION: This contribution**
26   **was remanded to WG3 for review and action as appropriate.**

27   • WG4 SECURITY: No contributions or discussion.

28   • 3GPP2 VISION ADHOC: Comments on Vision Document (S00-20090216-034) was
29   presented from Qualcomm. **ACTION: This contribution was remanded to the Vision**
30   **AdHoc for review and action as appropriate.**

31   The discussion noted that TSG-C will not have input available until Wednesday. As such,
32   the Vision AdHoc will discuss whether a second session should be scheduled on
33   Wednesday evening to discuss TSG-C comments.

34 This session was recessed on 16 February 2009 at 3:07 PM local time.

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1   **CLOSING PLENARY**

2   The meeting was reconvened on Thursday 19 February 2009 at 1:39 PM local time by TSG-S Chair,
3   Nick Yamasaki (KDDI).

4   Quorum was established at the opening Plenary and not challenged at this time. One (1) additional
5   3GPP2 individual member company on the active TSG-S roster was noted in attendance.

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

7   **10.   WORKING GROUP REPORTS:**

8   •   **WG1 REPORT:** The WG1 report (S00-20090216-101) was presented by WG1 Chair,
9   Alex Gogic (Qualcomm), as FYI.

10   •   Documents being recommended for publication:
11   •   S.P0134-0 UMB Enhancements SRD

12   •   Documents being recommended for V&V review:
13   •   S.P0129-A v0.2 HRPD/1XRTT and 3GPP E-UTRAN (LTE) Interworking
14   and Inter-Technology Handoff Stage 1 Requirements

15   •   Documents being recommended for TSG review: NONE

16   •   Progressed the development of the following:
17   •   Femto Cell Systems
18   •   V&V Comment Disposition records for S.R0121-0 cdma2000 Network
19   Evolution SRD
20   •   Request for input on protocol requirements for OMA DM 2.0
21   •   Inter-Technology Interworking (S.R0129-A)
22   •   UMB Enhancements (S.P0134)
23   •   Numbering Issues

24   •   WG1 will host a conference call to discuss the TSG-S presentation to the joint
25   meeting on femto cell issues that will be held in March 2009 in New Orleans.
26   That call is scheduled for 16 March 2009 from 5:00 to 6:30 PM Pacific Time.
27   The TSG-S presentation is intended for TSG-S approval at the opening Plenary in
28   New Orleans.

29   •   WG1 hosted preliminary discussions regarding the development of a Femto Cell
30   Systems Overview Technical Report. Those discussions are summarized in S00-
31   20090216-101C.

32   •   WG1 held a joint meeting with TSG-C to develop a response to OMA regarding
33   planned development of OMA DM Enabler version 2.0.

- In a meeting with the UIM-ID Administrator, Henry Cuschieri, and the TIA TR45 EUMAG Chair, Gary Pelligrino (Commflow Resources):
  - WG1 was advised that UIM-ID is now undergoing careful management as exhaust is nearing. There was some discussion on the implementation of Extended UIM-ID. CDG is in consultations with China Telecom on this issue.
  - The IMEI codes may be exhausted prematurely (20 years?) due to TAC assignment inefficiencies.
  - There was also discussion on how to handle multimode devices for both GHA and GDA assignments.

DECISION: Proposed correspondence to TSG-X regarding Definition of Auto-Configuration Parameters for Femto Cells (S00-20090216-118R1) was approved without objection for transmission.

DECISION: S.P0129-A v0.2 HRPD/1xRTT and 3GPP E-UTRAN (LTE) Interworking and Inter-Technology Handoff Stage 1 Requirements Report (S00-20090216-107) was approved without objection to be released for V&V review by the 3GPP2 OPs and TSG-S participants and as FYI for the other TSGs. Comments are due on or before 27 March 2009.

DECISION: Proposed correspondence to TSG-X regarding Review of S.P0129-A HRPD/1xRTT and 3GPP E-UTRAN (LTE) Interworking and Inter-Technology Handoff Stage 1 Requirements (S00-20090216-108R1) was approved without objection for transmission with S00-20090216-107 attached.

DECISION: Proposed correspondence to TIA TR45.8 regarding Initiation of V&V for S.P0129-A v0.2 HRPD/1xRTT and 3GPP E-UTRAN (LTE) Interworking and Inter-Technology Handoff Stage 1 Requirements (S00-20090216-109) was approved without objection for transmission with S00-20090216-107 attached.

DECISION: S.P0134-0 UMB Enhancements SRD (S00-20090216-110) was approved without objection for publication as S.R0134-0 v1.0.

DECISION: Proposed correspondence to TIA TR45.8 regarding V&V and Ballot Comment Disposition Records for S.R0121-0 Network Evolution SRD (S00-20090216-113R1) was approved without objection for transmission with its attachments.

DECISION: Proposed correspondence to OMA DM regarding New Version of OMA DM Enabler (S00-20090216-111) was approved without objection for transmission.

DECISION: Proposed correspondence to TIA TR45 EUMAG regarding Request for Formal Report to TSG-S on industry developments related to MEID (S00-20090216-124R1) was approved without objection for transmission.

ACTION: The WG1 Development Schedule (S00-20090216-101A) and Workplan Comments (S00-20090216-101B) were remanded to WG3 for review and action as appropriate.

1　　　　　　　**ACTION: The summary of preliminary discussions regarding the development of a**
2　　　　　　　**Femto Cell Systems Overview Technical Report (S00-20090216-101C) was**
3　　　　　　　**remanded to all WGs as FYI and will be attached to the TSG-S input to the femto**
4　　　　　　　**cell discussions next month at the New Orleans meeting.**

5　　　•　　**WG2 REPORT:** The WG2 report (S00-20090216-102) was presented by WG2 Co-
6　　　　　　　Chair, Scott Marin (Motorola), as FYI.

7　　　　　　•　　Documents being recommended for publication: NONE

8　　　　　　•　　Documents being recommended for V&V review: NONE

9　　　　　　•　　Documents being recommended for TSG review: NONE

10　　　　　•　　Progressed the development of the following:
11　　　　　　　•　　S.P0037-B All-IP NAM
12　　　　　　　•　　S.P0124-0 UMB NAM

13　　　　　•　　WG2 has noted the following femto cell development plans
14　　　　　　　•　　3GPP2 S.R0135 Network Architecture Model for cdma2000 Femto-Cell
15　　　　　　　　　Enabled Systems.
16　　　　　　　•　　3GPP2 S.S0028-E OAM&P for cdma2000. This document will provide a
17　　　　　　　　　management model reflecting the femto architecture as described in the
18　　　　　　　　　Femto Network Architecture Model

19　　　　　•　　WG2 notes plans for a conference call: 4 March 2009 during the 10:00-12:00 PM
20　　　　　　　US central time for V&V comments resolution of S.P0037-B All-IP NAM and
21　　　　　　　S.P0124-0 UMB NAM.

22　　　　　**DECISION: Proposed correspondence to TSG-X regarding Reference Points U20**
23　　　　　**and 29 (S00-20090216-112) was approved without objection for transmission.**

24　　　　　**ACTION: WG2 schedule information (S00-20090216-102A) and comments on the**
25　　　　　**3GPP2 Workplan (S00-20090216-102B) were remanded to WG3 for review and**
26　　　　　**action as appropriate.**

27　　　　　**ACTION: The WG2 Report (S00-20090216-102) was remanded to WG1 for review**
28　　　　　**and action as appropriate with respect to WG2 planned actions for femto cell**
29　　　　　**development.**

30　　　•　　**WG3 REPORT:** The WG3 report (S00-20090216-103) was presented by WG3 Chair,
31　　　　　　　Eileen McGrath (NEC), as FYI. This report was not reviewed in detail.

32　　　　　A WG3 Conference Call is scheduled for March to discuss System Release Agenda
33　　　　　topics, as follows: 2 March 2009, 5PM Pacific Coast US Time (1.5 hours)

34　　　　　**DECISION: The following WI(s) were approved without objection for distribution**
35　　　　　**by the PMT Manager for TSG review as available from the 3GPP2 website unless**
36　　　　　**indicated as a contribution number below:**

37　　　　　•　　**3GPP2-00221: 1x Circuit Switch Fall Back in cdma2000 System (S00-20090216-**
38　　　　　　　**103C)**

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- **3GPP2-00222: Update of Smart Card Specs to Support CDG OMH (Open Market Handsets) Initiative (S00-20090216-103D)**

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- **3GPP2-00223: Update to EVRC-B and EVRC-WB to support DTX in circuit switched voice service (S00-20090216-103ER1)**

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- **3GPP2-00224: Coexistence between 3GPP2 systems and non-3GPP2 systems in the cdma service frequency bands (S00-20090216-103F)**

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- **3GPP2-00225: 3GPP2/3GPP Interworking Alignment (S00-20090216-103G)**

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

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- **3GPP2-00217: Signaling Conformance Test Specification for Interworking of cdma2000 1x High Rate Packet Data and Long Term Evolution Systems**

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- **3GPP2-00218: Enhancement of the cdma2000 1x System**

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DECISION: SC.P2004-003-0 v0.4 System Release 4 Standardized Services and Features (S00-20090216-122) was approved without objection for TSG Review.

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DECISION: Proposed correspondence to all TSGs regarding TSG Review of SC.P2004-003-0 v0.4 System Release 4 Standardized Services and Features (S00-20090216-119) was approved without objection for transmission pending correction of SC Chair in cc list with S00-20090216-122 attached.

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DECISION: SC.P2006-002-0 v0.6 System Release Guide for Release 6 for cdma2000 System Specifications (S00-20090216-123) was approved without objection for TSG Review pending workplan updates from TSG closing Plenaries this week.

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DECISION: Proposed correspondence to all TSGs regarding TSG Review of SC.P2006-002-0 v0.6 System Release Guide for Release 6 for cdma2000 System Specifications (S00-20090216-120) was approved without objection for transmission pending correction of SC Chair in cc list with S00-20090216-123 attached. This transmission will be delayed until the updates to S00-20090216-123 are available.

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DECISION: Proposed correspondence to all TSGs regarding review of WI 3GPP2-00219 Support for 3GPP2 HRPD Rev B and 3GPP E-UTRAN (LTE) Mobility Interworking and Inter-technology Handoff (S00-20090216-121) was approved without objection for transmission pending correction of SC Chair in cc list.

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ACTION: The PMT Coordinator is requested to update the 3GPP2 Workplan for submission to the SC meeting last week as follows:

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- **The document associated with 3GPP2-00214 "3GPP2 Vision Document for 2009 and Beyond" should be changed to SC.R5003-0.**

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- **The name of work item 3GPP2-00219 has been changed to correct "E-UTRAN".**

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- **Updates to workplan questions for TSG-S & PMT as indicated in S00-20090216-103J.**

The Chair expressed his appreciation to WG3 and all TSG-S participants who worked on SC.P2004-003-0 v0.4 System Release 4 Standardized Services and Features.

- **WG4 REPORT:** The WG4 report (S00-20090216-104) was presented by WG4 Chair, Anand Palanigounder (Qualcomm), as FYI.

  - Progressed the development of the following:
    - Femto Security
    - Femto IMS Security
    - eHRPD Security
    - ESN value input to CAVE algorithms

  - WG4 met with TSG-X MMD this week and jointly agreed on authentication methods (IMS AKA, SIP Digest and Trusted Node Authentication) for 1x Femto AP registration to the IMS domain.

  - WG4 noted that they will need to analyze the security aspects of femto auto-configuration parameters (including TR-069 protocol). This information was also communicated to the WG1 Chair.

  DECISION: S.R0138 was assigned for the development of "eHRPD Security Framework".

  DECISION: S.P0053-0 v1.1 Common Cryptographic Algorithms (S00-20090216-115) was approved without objection to be released for V&V review by the 3GPP2 OPs and TSG-S participants and as FYI for the other TSGs. Comments are due on or before 8 May 2009.

  - **This document contains a clarifying definition for ESN.**

  - **This approval includes a plan to deprecate S.S0054-0 v1.0 Interface Specification for Common Cryptographic Algorithms upon publication of S.S0053-0.**

  DECISION: Proposed correspondence to TIA TR45 AHAG on V&V of S.P0053-0 v1.1 Common Cryptographic Algorithms (S00-20090216-116R2) was approved without objection for transmission pending acceptance of all change marks.

- **3GPP2 VISION ADHOC REPORT:** The 3GPP2 Vision AdHoc report (S00-20090216-105) was presented by AdHoc Chair, Jane Brownley (Alcatel-Lucent), as FYI.

  - Based on the decision of the AdHoc, the AdHoc Chair generated a couple of slides for the TSG-S presentation to the joint TSG meeting on femto cells on Monday 30 March 2009 in New Orleans.

  - The AdHoc agreed that the document was not ready for approval by the SC next week. As such, only a draft/working document will be submitted to the SC.

1   • An interim conference call will be scheduled with the target of submitting the
2   document for approval at the opening Plenary of the March 2009 TSG-S meeting
3   in New Orleans. That call was scheduled for Monday 9 March 2009 during the 8-
4   10 PM Eastern Time US time slot.

5   • The next face-to-face meeting was scheduled for Tuesday 31 March 2009 in New
6   Orleans during the 5-7 PM time slot if needed.

7   **DECISION: SC.P5003-0 v0.6.2 3GPP2 Vision for 2009 and Beyond (S00-20090216-**
8   **117R1) was approved without objection as updated working text and for submission**
9   **to the SC for their information.**

10   **11.   ADDITIONAL CORRESPONDENCE AND LIAISON REPORTS:**

11   • OP: No contributions or discussions.

12   • SC: No contributions or discussions.

13   • 3GPP2 SECRETARIAT: Updated 3GPP2 Workplan files for February 2009 (S00-
14   20090216-106) was presented from the PMT Coordinator as FYI for TSG-S.

15   • TSG-A: No contributions or discussions.

16   • TSG-C: No contributions or discussions.

17   • TSG-X: A draft Presentation for the Femtocell Asia conference
18   (http://www.avrenevents.com/FemtocellsAsia2009/) in Tokyo during the period of 23-25
19   March 2009 (S00-20090216-114) was presented from TSG-X. **ACTION: This**
20   **contribution was remanded to all WGs for review and comment with comments to**
21   **be coordinated by WG1.**

22   **ACTION: The Secretary was directed to advise TSG-X via e-mail of the following**
23   **comments:**

24   **1.   Please note the comment from WG2 Co-Chair, Randy Scheer (Alcatel-**
25   **Lucent), below on the femto cell presentation. Please delete the bullet in**
26   **question on slide 10.**

27   **2.   If this is to be a 3GPP2 presentation, all references to Airvana should be**
28   **eliminated.**

29   **3.   On the title slide and on slide 4, the cdma2000 copyright symbol should be**
30   **changed to a registration mark.**

31   **4.   On slide 3, insert a new 2nd bullet as follows: "A TSG-S sponsored femto**
32   **cell workshop was held in October 2007 in Boston".**

33   **5.   On slide 6, please change the bullet that reads "Enhancements for femto <->**
34   **macro system handoff" to "Enhancements for improved femto <-> macro**
35   **system handoff".**

1   **6.**   **On slide 9, please change the document number "S.S0135" to "S.R1035". In**
2   **addition, after "Network Reference Model", add a new bullet for "OAM&P**
3   **for cdma2000—S.S0028-E".**

4   **7.**   **On slide 11, add new bullets for "3GPP2 Program Management" and**
5   **"3GPP2 Vision" under TSG-S.**

6   •   TIA: No contributions or discussions.

7   •   ITU: No contributions or discussion.

8   •   3GPP: No contributions or discussions.

9   •   3GPP TSG-SA5 and T1M1: No contributions or discussions.

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

11   •   OMA: No contributions or discussions.

12   •   CDG: No contributions or discussions.

13   •   Other: No contributions or discussion.

14   12.   **NEW BUSINESS (continued):** The following issues were discussed:

15   •   NONE

16   13.   **OLD BUSINESS (continued):** The following issues were discussed:

17   •   The TSG-S Document Status Table (S00-20090216-100) was presented.

18   **ACTION: All document Editors and WG Chairs must review and comment with**
19   **comments to be forwarded to the WG1 Chair by COB Tuesday 24 February 2009.**

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

21   •   The future meeting schedule for TSG-S was noted as follows:

30 March – 2 April 2009	Loews New Orleans Hotel in New Orleans, LA, USA
11-14 May 2009	Vancouver, BC, Canada
15-18 June 2009	Newport Beach Marriott Hotel in Newport Beach, CA, USA

22   •   Although not explicitly reviewed during the meeting, the assignments, other than
23   document remands and action items that were completed at this meeting, are summarized
24   as follows:

25   090216-001   TSG-S Chair must deliver the current working document of SC.P5003-0
26   v0.6.2 3GPP2 Vision for 2009 and Beyond to the SC for their information.

27

28   The Plenary was adjourned on 19 February 2009 at 5:03 PM local time.

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NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – S00-20090216-			
000	DOCUMENT REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVAL
002	TSG-S Meeting Summary – December 2008 – Maui, HI, USA	SECRETARY	APPROVAL
003	TSG-C Liaison Report – December 2008	TSG-C LIAISON	FYI A→C for WG3
004	Correspondence dated 5 December 2008 regarding TSG-C status of WI review	TSG-C	WG3
005	Correspondence to TSG-X dated 5 December 2008 regarding eHRPD Terminology and definition	TSG-C	WG1, WG3, VISION ADHOC
006	Correspondence dated 5 December 2008 regarding Review Items	TSG-X	WG3
007	Correspondence dated 5 December 2008 regarding Review Items – S.P0129A	TSG-X	WG1
008	Correspondence to TSG-A dated 5 December 2008 regarding New A12 RADIUS Attribute Definition	TSG-X	WG1
009	Correspondence to all TSGs dated 5 December 2008 regarding Definition of Auto-Configuration Parameters for Femtocells	TSG-X	WG1, WG4
010	Correspondence to TSG-A and TSG-C dated 5 December 2008 regarding Restriction on SO72, eHRPD Definition	TSG-X	WG1
011	Correspondence dated 29 January 2009 regarding Review Item – Vision	TSG-X	VISION ADHOC
012	E-mail correspondences regarding SC level review and approval for S.R0137-0 v1.0 Common IMS Impacts to 3GPP2 Specifications	3GPP2 SECRETARIAT	WG2

013	E-mail correspondence dated 8 December 2008 regarding V&V review for S.P0124-0 v1.2 Ultra Mobile Broadband Network Architecture Model	3GPP2 SECRETARIAT	WG2
014	E-mail correspondence dated 8 December 2008 regarding V&V review for S.P0037-B v1.2 IP Network Architecture Model for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT	WG2
015	E-mail correspondence dated 9 December 2008 regarding Three (3) Work Item Worksheets Adopted	3GPP2 SECRETARIAT	WG3
016	E-mail correspondence dated 12 January 2009 regarding WI GPP2-00216 Adopted	3GPP2 SECRETARIAT	WG3
017	E-mail correspondence dated 9 December 2008 regarding SC level review of 3GPP2-00216 PMIP Support in 1x/HRPD	3GPP2 SECRETARIAT	WG3
018	E-mail correspondence dated 17 December 2008 regarding CONFIRMATION TSG leadership for 2009-2010 term	3GPP2 SECRETARIAT	FYI
019	E-mail correspondence dated 27 January 2009 regarding 2009 3GPP2 Secretariat Changes	3GPP2 SECRETARIAT	FYI
020	MEID Administration Report – 7 January 2009	3GPP2 SECRETARIAT	WG1
021	UIM Administration Report – 9 January 2009	3GPP2 SECRETARIAT	WG1
022	Correspondence to all TSGs dated 4 December 2008 regarding Proposed Work Item Review	3GPP2 PMT COORDINATOR	**WG3** ALL WGs
023	Correspondence dated 8 December 2008 regarding TIA ballot comments on Comments from ballot for S.P0134/PN-3-0351 Evolution of Ultra Mobile Broadband SRD	TIA TR45.8	WG1
024	Correspondence dated 8 December 2008 regarding TIA ballot comments on Comments from ballot for S.P0037-B/PN-3-0122-RV2-AD1 3GPP2 All IP NAM	TIA TR45.8	WG2

025	Correspondence dated 8 December 2008 regarding TIA ballot comments on Comments from ballot for S.P0124-0/SP-3-0031-AD1 UMB NAM	TIA TR45.8	WG2
026	Correspondence dated 29 January 2009 regarding TIA ballot comments on Comments from ballot for S.P0134-0/PN-3-0351 Evolution of Ultra Mobile Broadband SRD	TIA TR45.8	WG1
027	E-mail correspondences regarding Plans to Document Femto Cell Systems User's Guide	WG1 CHAIR ET AL	WG1
028	SC.P2004-003-0 System Release 4 Standardized Services and Features	WG3	WG3
029	LS to 3GPP CT dated 12 January 2009 regarding Correct Billing using MMSIP	OMA MWG MMS	WG3
030	LS dated 23 September 2008 regarding Draft ITU-T Recommendation on Administration and allocation of multicast addresses for civic purposes	ITU-T SG2	WG1
031	E-mail correspondence dated 8 December 2008 regarding V&V review for S.P0037-B v1.2 IP Network Architecture Model for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT	WG2
032	V&V comments regarding S.P0037-B v1.2 IP Network Architecture Model for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT	WG2
033	Comments on Vision Document	QUALCOMM	VISION ADHOC
034	MEID Administration Report – 4 February 2009	3GPP2 SECRETARIAT	WG1
035	V&V comments regarding S.P0037-B v1.2 IP Network Architecture Model for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT	WG2
036	V&V comments regarding S.P0124-0 v1.2 Ultra Mobile Broadband Network Architecture Model	3GPP2 SECRETARIAT	WG2

037	E-mail correspondence dated 5 February 2009 regarding Proposal for all TSG Femto meeting in March 2009	TSG-X	**WG1** ALL WGs, VISION ADHOC
038	V&V comments regarding S.P0037-B All IP NAM	MOTOROLA	WG2
039	V&V comments regarding S.P0124-0 UMB NAM	MOTOROLA	WG2
040	Approved 2010 Meeting Calendar	3GPP2 SECRETARIAT	FYI
041	Correspondence dated 16 February 2009 regarding PDN ID for Default APN	TSG-X	WG1
042	Femto Cell Systems User's Guide Considerations	QUALCOMM	WG1
043	3GPP2 Workplan files – February 2009	3GPP2 PMT COORDINATOR	**WG3** ALL WGs
CLOSING PLENARY – S00-20090216-			
101	WG1 Report	WG1	FYI
102	WG2 Report	WG2	FYI
103	WG3 Report	WG3	FYI ATTACHS APPROVED AS INDICATED
104	WG4 Report	WG4	FYI
105	3GPP2 Vision AdHoc Report	3GPP2 VISION ADHOC	FYI
106	Updated 3GPP2 Workplan files – February 2009	3GPP2 PMT COORDINATOR	FYI

107	S.P0129-A v0.2 HRPD/1XRTT and 3GPP E-UTRAN (LTE) Interworking and Inter-Technology Handoff Stage 1 Requirements proposed V&V text	WG1	APPROVED
108	Proposed correspondence to TSG-X regarding Review of S.P0129-A HRPD/1XRTT and 3GPP E-UTRAN (LTE) Interworking and Inter-Technology Handoff Stage 1 Requirements	WG1	APPROVED R1
109	Proposed correspondence to TIA TR45.8 regarding Initiation of V&V for S.P0129-A v0.2 HRPD/1XRTT and 3GPP E-UTRAN (LTE) Interworking and Inter-Technology Handoff Stage 1 Requirements	WG1	APPROVED R1
110	S.P0134-0 UMB Enhancements SRD proposed publication text	WG1	APPROVED
111	Proposed correspondence to OMA DM regarding New Version of OMA DM Enabler	WG1	APPROVAL
112	Proposed correspondence to TSG-X regarding Reference Points U20 and 29	WG2	APPROVED
113	Proposed correspondence to TIA TR45.8 regarding V&V and Ballot Comment Disposition Records for S.R0121-0 Network Evolution SRD	WG1	APPROVED R1
114	Draft Presentation for Femto Conference dated March 2009	TSG-X	**WG1** ALL WGs
115	S.P0053-0 v1.1 Common Cryptographic Algorithms for proposed V&V text	WG4	APPROVED AS POSTED ON 3GPP2 FTP SITE
116	Proposed correspondence to TIA TR45 AHAG on V&V of S.P0053-0 v1.1 Common Cryptographic Algorithms	WG4	APPROVED R2
117	SC.P5003-0 v0.6.2 3GPP2 Vision for 2009 and Beyond proposed working text for SC information	VISION ADHOC	APPROVED R1

118	Proposed correspondence to TSG-X regarding Definition of Auto-Configuration Parameters for Femto Cells	WG1	APPROVED R1
119	Proposed correspondence to all TSGs regarding TSG Review of SC.R2004-003-0 v0.4 System Release 4 Standardized Services and Features	WG3	APPROVED PENDING UPDATES
120	Proposed correspondence to all TSGs regarding TSG Review of SC.P2006-002-0 v0.6 System Release Guide for Release 6 for cdma2000 System Specifications	WG3	APPROVED PENDING UPDATES
121	Proposed correspondence to all TSGs regarding review of WI 3GPP2-00219 Support for 3GPP2 HRPD Rev B and 3GPP E-UTRAN (LTE) Mobility Interworking and Inter-technology Handoff	WG3	APPROVED
122	SC.R2004-003-0 v0.4 System Release 4 Standardized Services and Features proposed TSG Review text	WG3	APPROVED
123	SC.P2006-002-0 v0.6 System Release Guide for Release 6 for cdma2000 System Specifications proposed TSG Review text	WG3	APPROVED PENDING UPDATES
124	Proposed correspondence to TIA TR45 EUMAG regarding Request for Formal Report to TSG-S on industry developments related to MEID	WG1	APPROVED R1

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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 v2.0	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

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	**TITLE**	**RESP**
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
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

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	**TITLE**	**RESP**
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.S0028-D	OAM&P for cdma2000 v1.0	WG2
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 v3.0	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

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	**TITLE**	**RESP**
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
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
S.R0134-0	Evolution of Ultra Mobile Broadband SRD v1.0	WG1
S.R0136-0	System Requirements for MSC Pool v1.0	WG1
S.R0137-0	Common IMS Impact to 3GPP2 Specifications	WG2

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TSG-S PROJECTS IN DEVELOPMENT		
NUMBER	**TITLE**	**RESP**
S.P0037-B	All IP NAM	WG2
S.P0076-0	Protocol Alignment Reference	WG3
S.P0119-0	Proximity Mobile Gateway Stage 1	WG1
S.P0124-0	UMB NAM	WG2
S.P0129-A	HRPD/1XRTT and 3GPP E-UTRAN (LTE) Interworking and Inter-Technology Handoff Stage 1 Requirements	WG1
S.P0132-0	Femto Security Framework	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.P0137-0	Common IMS Impact to 3GPP2 Specifications	WG2
S.P0138-0	eHRPD Security Framework	WG4

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3GPP2 QUORUM ROLL CALL
TSG-S (Systems and Services Aspects)
Shanghai, China
19-Feb-09

INDIVIDUAL MEMBER COMPANY	Attendance	Attendance	Consec Mtgs Missed	Voting Status	Quorum Status	Voting Status	Quorum Status
	2/16/2009	2/19/2009	(incl this Mtg)	for this Mtg	for this Mtg	as of next Mtg*	as of next Mtg*
ALCATEL-LUCENT	1		0	1	1	1	1
ALLTEL			1	1	1	1	1
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	1	1	1	1
LG TELECOM	1		0	1	1	1	1
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			1	1	1	1	1
SKYTERRA			3	0	0	0	0
SPRINT/NEXTEL			3	0	0	0	0
TATARA SYSTEMS		1	0	1	1	1	1
US CELLULAR			2	0	0	0	0
VERIZON WIRELESS			3	0	0	0	0
ZTE	1		0	0	0	1	0
TOTALS	**10**	**1**		**14**	**14**	**15**	**14**
QUORUM CALCULATION	**71%**	**7%**					
ADDITIONS							
CHINA TELECOM	1						
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

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