

1 **Title:**

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2 **APPROVED SUMMARY OF TSG-C MEETING**  
3 **for 16-20 February 2009 in Shanghai, China**

4 **Source:**

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5  
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18 **Abstract:**

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19 This document is a summary of the 3GPP2 TSG-C meetings that were held during the period of  
20 16-20 February 2009 in Shanghai, China.  
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22 **Recommendations:**

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23 For review and approval.  
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25 **Notice:**

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1 During the period of 16-20 February 2009, 3GPP2 TSG-C 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 9:28 AM local time by TSG-C Chair, Ed Tiedemann (Qualcomm).

8 The Chair welcomed everyone to Shanghai. The Chair requested all participants to sign in on  
9 the 3GPP2 LAN.

10 The Chair noted the following activities this week:

- 11 • TSG-C comments on 3GPP2 Vision document. The TSG-S 3GPP2 Vision AdHoc meets  
12 on Monday during the 5-7 PM time slot. A short interim Plenary may be required on  
13 Wednesday afternoon to approve
- 14 • WG1 will have a joint meeting with TSG-S regarding OMA DM issues at 4:00 PM on  
15 Tuesday.
- 16 • 3GPP2 10<sup>th</sup> Anniversary celebration will be held on Thursday at 6:00 PM.

17 The Chair noted the following objectives for this meeting:

- 18 • Completion of cdma2000 1x Rev. E R&F
- 19 • Completion of C.S0024-B HRPD R&F
- 20 • Handling of TIA legal comments, in particular C.S0067-A Key Exchange Protocols for  
21 cdma2000 High Rate Packet Data Air Interface
- 22 • Completion of C.R1001 Parameter Administration R&F
- 23 • Completion of C.P0022 Position Determination R&F
- 24 • WG preparation for joint TSG meeting on femtocell issues in March 2009.

25 2. **ATTENDANCE REGISTRATION AND ROLL CALL:** A roll call of companies indicated  
26 that 19 companies included on the list of 27 active quorum members were present (70%  
27 participation). Thus, meeting quorum was achieved.

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

29 3. **INTRODUCTION AND NUMBERING OF CONTRIBUTIONS:** Contributions were loaded  
30 onto the 3GPP2 LAN server and listed in the document register (C00-20090216- 000R1).

31 4. **AGENDA APPROVAL:** The proposed agenda (C00-20090216-001) was presented.

32 **DECISION: The agenda was approved without objection as submitted (C00-20090216-001).**

- 1 5. **ASSIGNMENTS OF CONTRIBUTIONS TO AGENDA ITEMS:** Contributions were  
2 assigned to agenda items as noted on the agenda.
- 3 6. **APPROVAL OF PREVIOUS MEETING SUMMARY:**
- 4 • The summary of the TSG-C meeting for December 2008 that was held in Maui, HI, USA  
5 (C00-20090216-002) was presented. **DECISION: This meeting summary was**  
6 **approved without objection as submitted (C00-20090216-002).**
- 7 • The summary of the TSG-C of the interim Plenary conference call on 2 February 2009  
8 (C00-20090216-003) was presented. **DECISION: This meeting summary was**  
9 **approved without objection as modified by the discussion (C00-20090216-003R1).**
- 10 7. **REVIEW OF OUTSTANDING ACTIONS FROM PREVIOUS MEETING:** The action  
11 items from the December 2008 face-to-face meeting and interim Plenary conference call were  
12 noted as follows:
- 13 080825-005 WG3 to update WP5D parameters for radio interfaces appropriate for the new  
14 IMT frequency ranges identified at WRC-07 as it was found that Report M.2039 for  
15 CDMA MC contained incorrect values and agreed to amend this for a future WP5D  
16 meeting. As noted by the WG3 Chair, this action will remain open and a contribution is  
17 expected to be prepared for the June 2009 ITU meeting.
- 18 **DECISION: This action was held open until the May 2009 meeting.**
- 19 8. **LIAISON REPORTS:**
- 20 • OP: No contributions or discussion.
- 21 • SC: No contributions or discussion.
- 22 • 3GPP2 SECRETARIAT: The following contributions were discussed:
- 23 • E-mail correspondences regarding SC level review and approval of C.S0084-000-  
24 A v1.0 Overview for Ultra Mobile Broadband (UMB) Air Interface Specification,  
25 C.S0084-011-0 v1.0 Physical Layer for Ultra Mobile Broadband (UMB) TDD Air  
26 Interface Specification, and C.S0084-012-0 v1.0 Medium Access Control Layer  
27 Protocols for Ultra Mobile Broadband TDD (UMB-TDD) Air Interface  
28 Specification (C00-20090216-013) was presented from the 3GPP2 Secretariat as  
29 FYI for TSG-C.
- 30 • E-mail correspondence dated 8 December 2008 regarding V&V review for  
31 C.P0022-B v0.6 Position Determination Service for cdma2000 Spread Spectrum  
32 Systems (C00-20090216-014) was presented from the 3GPP2 Secretariat as FYI  
33 for TSG-C.
- 34 • E-mail correspondence dated 8 December 2008 regarding V&V review for  
35 C.P0038-B v0.8 Signaling Conformance Specification for High Rate Packet Data  
36 Air Interface (C00-20090216-015) was presented from the 3GPP2 Secretariat as  
37 FYI for TSG-C.

- 1                   •       E-mail correspondence dated 8 December 2008 regarding V&V review for  
2                   C.P0067-A v0.9 Key Exchange Protocols for cdma2000 High Rate Packet Data  
3                   Air Interface (C00-20090216-016) was presented from the 3GPP2 Secretariat as  
4                   FYI for TSG-C.
- 5                   •       E-mail correspondence dated 8 December 2008 regarding V&V review for  
6                   C.P0088-0 v0.8 Recommended Minimum Performance Standards for cdma2000  
7                   Ultra Mobile Broadband (UMB) Access Network (C00-20090216-017) was  
8                   presented from the 3GPP2 Secretariat as FYI for TSG-C.
- 9                   •       E-mail correspondence dated 8 December 2008 regarding V&V review for  
10                  C.P0089-0 v0.8 Recommended Minimum Performance Standards for cdma2000  
11                  Ultra Mobile Broadband Access Terminal (C00-20090216-018) was presented  
12                  from the 3GPP2 Secretariat as FYI for TSG-C.
- 13                  •       E-mail correspondence dated 8 December 2008 regarding V&V review for  
14                  C.P0090-0 v0.7 Test Application Specification for cdma2000 Ultra Mobile  
15                  Broadband (UMB) (C00-20090216-019) was presented from the 3GPP2  
16                  Secretariat as FYI for TSG-C.
- 17                  •       E-mail correspondence to all OPs dated 9 December 2008 regarding Reminder  
18                  memo to OPs on M.1457-9 (C00-20090216-020) was presented from the 3GPP2  
19                  Secretariat as FYI for TSG-C.
- 20                  •       E-mail correspondence to all OPs dated 9 December 2008 regarding Memo to  
21                  OPs on M.1580-3 & M.1581-3 (C00-20090216-021) was presented from the  
22                  3GPP2 Secretariat as FYI for TSG-C.
- 23                  •       E-mail correspondence dated 17 December 2008 regarding Confirmation of TSG  
24                  leadership for 2009-2010 term (C00-20090216-022) was presented from the  
25                  3GPP2 Secretariat as FYI for TSG-C.
- 26                  •       E-mail correspondence dated 27 January 2009 regarding 2009 3GPP2 Secretariat  
27                  Changes (C00-20090216-023) was presented from the 3GPP2 Secretariat as FYI  
28                  for TSG-C.
- 29                  •       E-mail correspondence dated 3 February 2009 regarding V&V review of  
30                  C.P0085-A v1.0 VoIP Codecs and Protocols (C00-20090216-025) was presented  
31                  from the 3GPP2 Secretariat as FYI for TSG-C.
- 32                  •       E-mail correspondence dated 3 February 2009 regarding extended V&V review of  
33                  C.P0087-0 v0.5 E-UTRAN - cdma2000 Connectivity and Interworking: Air  
34                  Interface Specification (C00-20090216-026) was presented from the 3GPP2  
35                  Secretariat as FYI for TSG-C.
- 36                  •       Approved 2010 Meeting Calendar (C00-20090216-028) was presented from the  
37                  3GPP2 Secretariat as FYI for TSG-C.
- 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 35 persons at this Plenary session indicated their intent to  
2                    participate in that meeting.
- 3                    •        3GPP2 Workplan files dated February 2009 (C00-20090216-054) were presented  
4                    from the 3GPP2 PMT Coordinator. **ACTION: This contribution was**  
5                    **remanded to all WGs for review and comment with comments to be**  
6                    **coordinated by WG1.**
  - 7                    •        TSG-A: No contributions or discussion.
  - 8                    •        TSG-S: The following contributions were discussed:
    - 9                    •        TSG-S Document Status Table for December 2008 (C00-20090216-006) was  
10                    presented from TSG-S. **ACTION: This contribution was remanded to all**  
11                    **WGs and AdHocs as FYI.**
    - 12                    •        Correspondence to all TSGs dated 4 December 2008 regarding Proposed Work  
13                    Item Review (C00-20090216-007) was presented from TSG-S. **ACTION: This**  
14                    **contribution was remanded to all WGs for review and comment with**  
15                    **comments to be coordinated by WG1.**
  - 16                    •        TSG-X: The following contributions were discussed:
    - 17                    •        Correspondence to TSG-S dated 5 December 2008 regarding Review Items (C00-  
18                    20090216-008) was presented from TSG-X. **ACTION: This contribution was**  
19                    **remanded to WG1 and WG2 for review and comment with comments to be**  
20                    **coordinated by WG1.**
    - 21                    •        Correspondence to TSG-S dated 5 December 2008 regarding Review Items (C00-  
22                    20090216-009) was presented from TSG-X. **ACTION: This contribution was**  
23                    **remanded to WG1 and WG2 for review and comment with comments to be**  
24                    **coordinated by WG1.**
    - 25                    •        Correspondence to TSG-A dated 5 December 2008 regarding New A12 RADIUS  
26                    Attribute Definition (C00-20090216-010) was presented from TSG-X.  
27                    **ACTION: This contribution was remanded to WG2 for review and action as**  
28                    **appropriate.**
    - 29                    •        Correspondence to all TSGs dated 5 December 2008 regarding Definition of  
30                    Auto-Configuration Parameters for Femtocells (C00-20090216-011) was  
31                    presented from TSG-X. **ACTION: This contribution was remanded to all**  
32                    **WGs for review and comment with comments to be coordinated by WG1.**
    - 33                    •        Correspondence to TSG-A and TSG-C dated 5 December 2008 regarding  
34                    Restriction on SO72, eHRPD Definition (C00-20090216-012) was presented from  
35                    TSG-X. **ACTION: This contribution was remanded to WG2 for review and**  
36                    **action and to all other WGs as FYI.**

- 1           •       E-mail correspondence dated 5 February 2009 regarding Proposal for all TSG  
2 Femto meeting in March 2009 (C00-20090216-027) was presented from TSG-X.  
3 **ACTION: This contribution was remanded to all WGs for review and**  
4 **comment with comments to be coordinated by WG1.**

5 **Issues to be resolved include the following:**

- 6           •       **WG1 to develop a short presentation based on inputs from all WGs**  
7 **and AdHocs.**  
8           •       **WG1 to coordinate potential agenda topics**

- 9           •       Correspondence dated 16 February 2009 regarding PDN ID for Default APN  
10 (C00-20090216-053) was presented from TSG-X. **ACTION: This contribution**  
11 **was remanded to WG2 for review and action as appropriate.**

- 12       •       TR45: The following contributions were discussed:

- 13           •       C.S0067-0 (TIA-1081) Generic Key Exchange Protocol for cdma2000 High Rate  
14 packet Data Air Interface proposed updated publication text (C00-20090216-039)  
15 was presented from TIA TR45.5. **ACTION: This contribution was remanded**  
16 **to WG2 as FYI.**
- 17           •       C.S0065 (TIA-1080-1) cdma2000 Application on UICC for Spread Spectrum  
18 Systems proposed updated publication text (C00-20090216-040) was presented  
19 from TIA TR45.5 as FYI for TSG-C.
- 20           •       C.S0046 (TIA-1012) Multimedia Streaming Service (MSS) for cdma2000 Spread  
21 Spectrum Systems proposed updated publication text (C00-20090216-041) was  
22 presented from TIA TR45.5 as FYI for TSG-C.
- 23           •       C.S0093-0 (TIA-1150) Highly Detectable Pilot Specification for the cdma2000  
24 High Rate Packet Data Air Interface proposed updated publication text (C00-  
25 20090216-042) was presented from TIA TR45.5. **ACTION: This contribution**  
26 **was remanded to WG3 for review and action as appropriate.**
- 27           •       C.S0062 (TIA-1046-1) Signaling Conformance Test Specification for cdma2000  
28 Data Services proposed updated publication text (C00-20090216-043) was  
29 presented from TIA TR45.5. **ACTION: This contribution was remanded to**  
30 **WG4 for review and action as appropriate.**
- 31           •       C.S0055 (TIA-924) Packet Switched Video Telephony Services (PSVT) proposed  
32 updated publication text (C00-20090216-044) was presented from TIA TR45.5.  
33 **ACTION: This contribution was remanded to WG1 for review and action as**  
34 **appropriate.**
- 35           •       C.R1010 (TIA-1131.SF) Software Distribution for H.263 Video Codec for 3GPP2  
36 Packet Switched Multimedia Services proposed updated publication text (C00-  
37 20090216-045) was presented from TIA TR45.5. **ACTION: This contribution**  
38 **was remanded to WG1 for review and action as appropriate.**

- 1                   •       C.S0069 (TIA-1078) ISIM Application on UICC for cdma2000 Spread Spectrum  
2       Systems proposed updated publication text (C00-20090216-046) was presented  
3       from TIA TR45.5. **ACTION: This contribution was remanded to WG1 for**  
4       **review and action as appropriate.**
- 5                   •       C.S0074 (TIA-1058) UICC – Terminal Interface: Physical and Logical  
6       Characteristics for cdma2000 Spread Spectrum Systems proposed updated  
7       publication text (C00-20090216-047) was presented from TIA TR45.5.  
8       **ACTION: This contribution was remanded to WG1 for review and action as**  
9       **appropriate.**
- 10                  •       C.S0073-A (TIA-1084) Signaling Test Specification for Mobile Station  
11       Equipment Identifier (MEID) Support for cdma2000 Systems proposed updated  
12       publication text (C00-20090216-048) was presented from TIA TR45.5 as FYI for  
13       TSG-C.
- 14                  •       C.P0057 (TIA-1030-C) Band Class Specification for cdma2000 Spread Spectrum  
15       Systems proposed updated publication text (C00-20090216-049) was presented  
16       from TIA TR45.5. **ACTION: This contribution was remanded to WG3 for**  
17       **review and action as appropriate.**
- 18                  •       C.P0058 (TIA-1043) Over the Air Interoperability Specification for cdma2000  
19       Air Interface proposed updated publication text (C00-20090216-050) was  
20       presented from TIA TR45.5. **ACTION: This contribution was remanded to**  
21       **WG4 for review and action as appropriate.**
- 22                  •       ITU-R WP5D Preliminary Update (C00-20090216-051) was presented from TIA  
23       TR45.5 as FYI for TSG-C.
- 24                  •       ITU: An LS dated 23 September 2008 regarding Draft ITU-T recommendation on  
25       Administration and allocation of multicast addresses for civic purposes (C00-20090216-  
26       024) was presented from ITU-T SG2. **ACTION: This contribution was remanded to**  
27       **WG1 and WG2 for review and comment with comments to be coordinated by WG1.**
- 28                  •       CDG: Open Mobile Handset Initiative: (OMH) Incorporation of CDG Document 166 in  
29       3GPP2 Specifications (C00-20090216-029) was presented from CDG. **ACTION: This**  
30       **contribution was remanded to WG1 for review and action and to the other WGs as**  
31       **FYI.**
- 32       This contribution noted the intent of CDG to allow 3GPP2 to develop specifications  
33       related to this topic and to use the CDG text in this CDG document as 3GPP2 sees fit.
- 34                  •       OMA: No contributions or discussion.
- 35                  •       3GPP/ETSI: No contributions or discussion.
- 36                  •       Other: A Liaison Statement regarding Frame Lengths in the AAC Family Profiles [SC  
37       29/WG 11 N 10516, Attachment: WG 11 N 10434] (C00-20090216-030) was presented  
38       from ISO/IEC JTC 1/SC 29. **ACTION: This contribution was remanded to WG1 for**  
39       **review and action as appropriate.**

1 **9. WORKING GROUP REPORTS:**

- 2 • **WG1 REPORT:** A verbal report of WG1 activities was presented by WG1 Chair, Doug  
3 Dunn (Kyocera), as FYI.

4 The WG1 Chair confirmed that SWG 1.4 Chair, Praveen Venkataramu (Gemplus), will  
5 no longer be participating in 3GPP2. The WG1 Chair thanked Praveen for his valuable  
6 contribution to TSG-C.

7 WG1 plans to finalize plans this month to incorporate the work of SWG1.4 into WG1.

8 **DECISION: Project Number/Document Number request for the next revision of**  
9 **EVRC (Rev. D) (C00-20090216-031) was approved without objection. C.S0014-D**  
10 **v1.0 was assigned for this document.**

11 **DECISION: Proposed baseline text for C.P0014-D Enhanced Variable Rate Codec,**  
12 **Speech Service Options 3, 68, 70, and YY for Wideband Spread Spectrum Digital**  
13 **Systems (C00-20090216-032) was approved without objection and remanded back to**  
14 **WG1 for R&F.**

- 15 • **WG2 REPORT:** A verbal report of WG2 activities was presented by WG2 Chair, Orlett  
16 Pearson (Alcatel-Lucent), as FYI.

17 C.P0067-A Key Exchange Protocols for cdma2000 High Rate packet Data Air Interface  
18 (C00-20090216-033) was noted as FYI for TSG-C since TIA legal comments now need  
19 to be incorporated.

20 **DECISION: C.P0001-E Introduction for cdma2000 Spread Spectrum Systems C00-**  
21 **20090216-034) was approved without objection as baseline text and remanded back**  
22 **to WG2 for R&F.**

23 **DECISION: C.P0003-E MAC Layer Signaling Standard for cdma2000 Spread**  
24 **Spectrum Systems C00-20090216-035) was approved without objection as baseline**  
25 **text and remanded back to WG2 for R&F.**

26 **DECISION: C.P0004-E LAC Layer Signaling Standard for cdma2000 Spread**  
27 **Spectrum Systems C00-20090216-036) was approved without objection as baseline**  
28 **text and remanded back to WG2 for R&F.**

29 **DECISION: C.P0005-E Layer 3 Signaling Standard for cdma2000 Spread**  
30 **Spectrum Systems C00-20090216-037) was approved without objection as baseline**  
31 **text and remanded back to WG2 for R&F.**

32 **DECISION: C.P0006-E Analog Signaling Standard for cdma2000 Spread**  
33 **Spectrum Systems (C00-20090216-038) was approved without objection as baseline**  
34 **text and remanded back to WG2 for R&F.**

- 35 • **WG3 REPORT:** A verbal report of the WG3 activities was presented by Sang Kim  
36 (LGE), as FYI.

37 **DECISION: C.P0002-E PHY Layer Signaling Standard for cdma2000 Spread**  
38 **Spectrum Systems (C00-20090216-052) was approved without objection as baseline**  
39 **text and remanded back to WG3 for R&F.**



- 1 • WG4 REPORT: NO REPORT.
- 2 • ITU REPORT: NO REPORT.

3 **10. OLD BUSINESS:**

- 4 • A WI Proposal for Test Related Specifications for 1x Enhancements (C00-20090216-  
5 004R1) was presented from Airvana, Alcatel-Lucent, KDDI, Kyocera, Nortel, and  
6 Qualcomm. **ACTION: This contribution was remanded to WG1 and WG2 for  
7 review and action as appropriate with WG2 comments coordinated by WG1 and to  
8 WG4 as FYI.**
- 9 • A WI Proposal for 1x and HRPD Base Station Minimum Performance Specifications for  
10 Femto Cells (C00-20090216-005R1) was presented from Airvana, Alcatel-Lucent, KDDI,  
11 Nortel, and Qualcomm. **ACTION: This contribution was remanded to WG1 for  
12 review and action as appropriate and WG4 as FYI.**

13 **11. ITU PROCESS/APPROVAL:** No contributions or discussions.

14 **12. NEW BUSINESS:** No contributions or discussions.

15 This session was recessed on 16 February 2009 at 12:39 PM local time.

16

17

18 **CLOSING PLENARY:**

19 The meeting was reconvened on Friday 20 February 2009 at 8:45 AM local time by TSG-C Chair, Ed  
20 Tiedemann (Qualcomm).

21 Quorum was established at the opening Plenary and not challenged at this time. One (1) additional  
22 3GPP2 individual member company was noted in attendance.

23 The Chair thanked the hosts of the 3GPP2 10<sup>th</sup> Anniversary Celebration for a wonderful event.

24 **13. WORKING GROUP REPORTS:**

- 25 • **WG1 REPORT:** The WG1 report (C00-20090216-101) was presented by WG1 Chair,  
26 Doug Dunn (Kyocera), as FYI.
- 27 • Documents Being Proposed for SC Level Review:
  - 28 • C.P0022-B v0.95 Position Determination Service for cdma2000 Spread  
29 Spectrum Systems (to be published as C.S0022-B v1.0)
  - 30 • C.P0022-B v0.95 Position Determination Service for cdma2000 Spread  
31 Spectrum Systems Software Distribution (to be published as C.R0022-B  
32 v1.0)
- 33 • Documents Being Released to Resolve TIA Legal comments:
  - 34 • TIA-1131.SF (C.R1010) Software Distribution for H.263 Video Codec for  
35 3GPP2 Packet Switched Multimedia Services proposed updated  
36 publication text (For TIA only)

- 1                   •       C.S0069 (TIA-1078) ISIM Application on UICC for cdma2000 Spread  
2                   Spectrum Systems proposed replacement publication text (for 24/48 hour  
3                   SC review)
- 4                   •       C.S0074 (TIA-1058) UICC – Terminal Interface: Physical and Logical  
5                   Characteristics for cdma2000 Spread Spectrum Systems proposed updated  
6                   publication text (for 24/48 hour SC review)
- 7                   •       Documents Being Proposed for V&V:
- 8                   •       C.P0014-D Enhanced Variable Rate Codec, Speech Service Options 3, 68,  
9                   70, and 73 for Wideband Spread Spectrum Digital Systems
- 10                  •       Documents Being Proposed for Baseline: NONE
- 11                  •       Also progressed the development of the following:
- 12                  •       C.S0016-D Over-the-Air Service Provisioning of Mobile Stations in  
13                  Spread Spectrum Standards
- 14                  •       Next revision of C.S0023 Removable User Identity Module for Spread  
15                  Spectrum Systems
- 16                  •       C.P0065-A cdma2000 Application on UICC for Spread Spectrum Systems
- 17                  •       The following project numbers were assigned: NONE
- 18                  •       C.R1001 could not be completed during this meeting because a discrepancy with  
19                  values specified in C.S0016. This issue could not be sorted out in time for this  
20                  week. This issue will be resolved prior to the next meeting.
- 21                  •       The TSG-C femto presentation for the cross TSG meeting on 31 March 2009 in  
22                  New Orleans is under development. WG2 has provided input. Time constraints  
23                  did not allow completion. WG1 proposes that this work continue through  
24                  teleconference and e-mail and be available no less than 1 week prior to the  
25                  opening plenary on 31 March 2009 so the presentation can be approved at the  
26                  opening plenary.
- 27                  •       Review of the Vision document has not been completed. However, we are  
28                  forwarding WG2's comments on the document to TSG-S. The Vision document is  
29                  scheduled for completion in New Orleans.
- 30                  •       Workplan issues were deferred to a teleconference.
- 31                  •       Comments from WG1, WG2, and WG3 on the Femto Forum sponsored  
32                  conference presentation from TSG-X were merged and provided to TSG-X.
- 33                  •       SWG1.4 work has now been integrated into WG1. This month will be the last  
34                  meeting of SWG1.4.
- 35                  •       Young Yoon (Qualcomm) has agreed to serve as the new WG1 Vice-Chair.

36                  **DECISION: Young Yoon (Qualcomm) was confirmed as the new WG1 Vice-Chair.**

37                  **DECISION: C.P0022-B v0.95 Position Determination Service for cdma2000 Spread**  
38                  **Spectrum Systems (C00-20090216-134) was approved without objection for**  
39                  **publication as C.S0022-B v1.0 and liaised to TIA TR45.5.**

**DECISION: C.P0022-B v0.95 Position Determination Service for cdma2000 Spread Spectrum Systems Software Distribution (C00-20090216-135) was approved without objection for publication as C.R0022-B v1.0 and liaised to TIA TR45.5.**

**DECISION: TIA-1131.SF (C.R1010) Software Distribution for H.263 Video Codec for 3GPP2 Packet Switched Multimedia Services (C00-20090216-136) was approved without objection to be liaised to TIA TR45.5.**

**DECISION: C.S0069 ISIM Application on UICC for cdma2000 Spread Spectrum Systems (C00-20090216-137) was approved without objection as replacement publication text and liaised to TIA TR45.5.**

**DECISION: C.S0074 (TIA-1058) UICC – Terminal Interface: Physical and Logical Characteristics for cdma2000 Spread Spectrum Systems (C00-20090216-138) was approved as replacement publication text and liaised to TIA TR45.5.**

**DECISION: C.P0014-D v0.9 Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, and 73 for Wideband Spread Spectrum Digital Systems (C00-20090216-139) was approved without objection for V&V review by the 3GPP2 OPs and TSG-C participants with comments due on or before 27 March 2009 and liaised to TIA TR45.5.**

**DECISION: Proposed correspondence to TSG-X regarding TSG-C comments on the Femto Forum Sponsored Conference Presentation (C00-20090216-140R1) was approved without objection for transmission.**

**DECISION: Proposed correspondence to TSG-S regarding TSG-C review of SC.R5003 v0.6.1 3GPP2 Vision document (C00-20090216-141R1) was approved without objection for transmission.**

**DECISION: WI proposals identified in C00-20090216-101AR1 were approved without objection. These WIs include the following:**

3GPP2 WI #	Title
TSGC-125	Modification of Band Class Specifications

The following document number assignments were noted:

3GPP2 DOC #	Title
C.S0014-D	Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, and 73 for Wideband Spread Spectrum Digital Systems

- **WG2 REPORT:** The WG2 report (C00-20090216-102) was presented by the WG2 Chair, Orlett Pearson (Alcatel-Lucent), as FYI.
  - Documents Being Proposed for SC Level Review:
    - C.S0067-A v1.0 Key Exchange Protocols for cdma2000 High Rate packet Data Air Interface
  - Documents Requiring V&V Review:
    - C.P0024-B Point Release, cdma2000® High Rate Packet Data Air Interface Specification

- 1 • C.P0001-E Introduction to cdma2000 Spread Spectrum Systems
- 2 • C.P0003-E Medium Access Control (MAC) Standard for cdma2000
- 3 Spread Spectrum Systems
- 4 • C.P0004-E Signaling Link Access Control (LAC) Standard for cdma2000
- 5 Spread Spectrum Systems
- 6 • C.P0005-E Upper Layer (Layer 3) Signaling Standard for cdma2000
- 7 Spread Spectrum Systems
- 8 • C.P0006-E Analog Signaling Standard for cdma2000 Spread Spectrum
- 9 Systems
  
- 10 • Documents proposed as baseline text:
- 11 • C.P0086-0 WiMAX™ – HRPD Interworking: Air Interface Specification
  
- 12 • Reviewed the Vision Document and sent response to WG1.
  
- 13 • Test Related Specifications for 1x Enhancements were reviewed and the decision
- 14 was to create a 1x Revision E Feature List, which would contain all of the features
- 15 incorporated into this document. SWG22 Chair, Tony Lee, prepared this list
- 16 which WG2 approved and forwarded to WG1.
  
- 17 • Created a Femto AHG to prepare the WG2 portion of the Femto presentation for
- 18 the March meeting. Chaired by Ravi Patwardhan, Qualcomm, the AHF consisted
- 19 of Jungsoo Jung, Tony Lee, Jialin Zou, Yonggang Fang and Orlett W. Pearson.
- 20 A presentation was prepared by Peerapol Tinnakornsrisuphap, approved and
- 21 forwarded to WG1.
  
- 22 • Regarding Femto Auto-Config Parameters:
- 23 • How would 3GPP2 submit items to the Broadband Forum? (SC issue)
- 24 • Are they, or will the Broadband Forum become an MRP? (SC issue)
- 25 • Should there be a 3GPP2-wide document or one developed by each TSG?
  
- 26 • Regarding C.P0006-E Analog specification, WG2 needs direction on how we are
- 27 going to move forward with this chapter. Chapter has been carried in each 1x
- 28 update.
- 29 • Do we continue to carry this chapter?
- 30 • If there are no existing analog systems, should we rescind the document?
- 31 • The Industry may consider reviewing systems to determine if we should
- 32 continue to publish the Analog Specification.

33 **ACTION: All WGs were requested consider the implications to their work of the**  
34 **Femto Auto-Config Parameters and to provide input to the Plenary of how TSG-C**  
35 **should structure this effort.**

36 **ACTION: WG3 was requested to create a 1x Revision E Feature List from a PHY**  
37 **perspective based on the work already done in WG2.**

- 38 • **WG2 will forward their list to WG3 and WG4 for their consideration.**
- 39 • **WG1 will coordinate all inputs into a single TSG-C 1x Revision E Feature**  
40 **List.**

1 **DECISION: C.P0086-0 WiMAX™ - HRPD Interworking: Air Interface**  
2 **Specification (C00-20090216-117) was approved without objection as baseline text**  
3 **and remanded back to WG2 for R&F.**

4 **DECISION: C.P0024-B cdma2000 High Rate Packet Data Air Interface**  
5 **Specification (C00-20090216-118) was approved without objection for V&V review**  
6 **by the 3GPP2 OPs and TSG-C participants with comments due on or before**  
7 **27 March 2009 and liaised to TIA TR45.5.**

8 **DECISION: C.P0067-A Key Exchange Protocols for cdma2000 High Rate Packet**  
9 **Data Air Interface (C00-20090216-119) was approved without objection for**  
10 **publication as C.S0067-A v1.0 and liaised to TIA TR45.5.**

11 **DECISION: C.P0001-E Introduction to cdma2000 Spread Spectrum Systems (C00-**  
12 **20090216-120) was approved without objection for V&V review by the 3GPP2 OPs**  
13 **and TSG-C participants with comments due on or before 27 March 2009 and liaised**  
14 **to TIA TR45.5.**

15 **DECISION: C.P0003-E Medium Access Control (MAC) Standard for cdma2000**  
16 **Spread Spectrum Systems (C00-20090216-121) was approved without objection for**  
17 **V&V review by the 3GPP2 OPs and TSG-C participants with comments due on or**  
18 **before 27 March 2009 and liaised to TIA TR45.5.**

19 **DECISION: C.P0004-E Signaling Link Access Control (LAC) Standard for**  
20 **cdma2000 Spread Spectrum Systems (C00-20090216-122) was approved without**  
21 **objection for V&V review by the 3GPP2 OPs and TSG-C participants with**  
22 **comments due on or before 27 March 2009 and liaised to TIA TR45.5.**

23 **DECISION: C.P0005-E Upper Layer (Layer 3) Signaling Standard for cdma2000**  
24 **Spread Spectrum Systems (C00-20090216-123) was approved without objection for**  
25 **V&V review by the 3GPP2 OPs and TSG-C participants with comments due on or**  
26 **before 27 March 2009 and liaised to TIA TR45.5.**

27 **DECISION: C.P0006-E Analog Signaling Standard for cdma2000 Spread**  
28 **Spectrum Systems (C00-20090216-124) was approved without objection for V&V**  
29 **review by the 3GPP2 OPs and TSG-C participants with comments due on or before**  
30 **27 March 2009 and liaised to TIA TR45.5.**

31 **DECISION: Proposed correspondence to TSG-X regarding eHRPD Definition,**  
32 **PDN-ID, SO72 (C00-20090216-125) was approved without objection for**  
33 **transmission.**

- 34 • **WG3 REPORT: The WG3 report (C00-20090216-103) was presented by Sang Kim**  
35 **(LGE), as FYI.**
  - 36 • **Documents Being Proposed for SC Level Review: NONE**
  - 37 • **Documents Being Proposed for V&V Review:**
    - 38 • **C.P1002-A Evaluation Methodology**
    - 39 • **C.P0002-E 1x-enhancements**
    - 40 • **C.P0024-B HRPD bug point release**

- 1 • Documents Being Proposed as Baseline Text: NONE
- 2 • WG3 has received and discussed several contributions on HRPD enhancements.

3 **DECISION: C.P1002-A Evaluation Methodology (C00-20090216-110) was**  
4 **approved without objection for V&V review by the 3GPP2 OPs and TSG-C**  
5 **participants with comments due on or before 27 March 2009.**

6 **DECISION: C.P0002-E cdma2000 PHY layer (C00-20090216-108) was approved**  
7 **without objection for V&V review by the 3GPP2 OPs and TSG-C participants with**  
8 **comments due on or before 27 March 2009 and liaised to TIA TR45.5.**

- 9 • WG4 REPORT: The WG4 report (C00-20090216-104) was presented by WG4 Co-Chair,  
10 Dave Whipple (Agilent) as FYI.

- 11 • Documents Being Proposed for SC Level Review:

- 12 • C.P0038-B v. 0.95 Recommended Minimum Performance Standards for  
13 cdma2000 Ultra Mobile Broadband Access Terminal

- 14 • Documents Being Proposed for V&V Review:

- 15 • C.P0089 v. 0.90 B Signaling Conformance Specification for High Rate  
16 Packet Data Air Interface

- 17 • Document Proposed as Baseline Text: NONE

18 **DECISION: C.P0089-0 v0.90 Recommended Minimum Performance Standards for**  
19 **cdma2000 Ultra Mobile Broadband Access Terminal (C00-20090216-142) was**  
20 **approved without objection for extended V&V review by the 3GPP2 OPs and**  
21 **TSG-C participants with comments due on or before 27 March 2009 and liaised to**  
22 **TIA TR45.5.**

23 **DECISION: C.P0038-B v. 0.95 Signaling Conformance Specification for High Rate**  
24 **Packet Data Air Interface (C00-20090216-143) was approved without objection for**  
25 **publication as C.S0038-B v1.0 and liaised to TIA TR45.5.**

- 26 • ITU ADHOC REPORT: A verbal report on ITU activities was presented by the ITU  
27 AdHoc Vice-Chair, Yoshinori Ishikawa (Hitachi), as FYI.

- 28 • M.1580/1581 recommendations were approved by ITU WP5D this week.

- 29 • Preliminary versions of documents that will be liaised to 3GPP2 later have been  
30 submitted under the ITU Liaison agenda item.

- 31 • M.1457-9 recommendations could not be completed and agreed by ITU. Details  
32 of the issues of concern are details in the ITU liaisons below. A revised  
33 contribution on this topic will be required by the next meeting of ITU-R WP5D in  
34 June 2009.

35 No actions requested for Plenary at this time.

#### 36 14. LIAISON REPORTS:

- 37 • OP: No contributions or discussions.

- 1           •       SC: No contributions or discussions.
- 2           •       3GPP2 SECRETARIAT: No contributions or discussions.
- 3           •       TSG-A: No contributions or discussions.
- 4           •       TSG-S: The following contributions were discussed:
- 5           •       The TSG-S Liaison Report for September 2008 (C00-20090216-126) was  
6           presented from the TSG-S Liaison as FYI for TSG-C.
- 7           •       Correspondence to TSG-X dated 19 February 2009 regarding Definition of Auto-  
8           Configuration Parameters for Femto Cells (C00-20090216-127) was presented  
9           from TSG-S. **ACTION: This contribution was remanded to WG1 and WG2  
10           as FYI.**
- 11          •       Correspondence to TSG-X dated 19 February 2009 regarding Review of S.P0129-  
12          A HRPD/1xRTT and 3GPP E-UTRAN (LTE) Interworking and Inter-Technology  
13          Handoff Stage 1 Requirements (C00-20090216-128) was presented from TSG-S.  
14          **ACTION: This contribution was remanded to WG1 and WG2 as FYI.**
- 15          •       Correspondence to TIA TR45.8 dated 19 February 2009 regarding V&V and  
16          Ballot Comment Disposition Records for S.R0121-0 Network Evolution SRD  
17          (C00-20090216-129) was presented from TSG-S. **ACTION: This contribution  
18          was remanded to WG1, WG2, and WG3 as FYI.**
- 19          •       Correspondence to OMA DM dated 19 February 2009 regarding New Version of  
20          OMA DM Enabler (C00-20090216-130) was presented from TSG-S. **ACTION:  
21          This contribution was remanded to WG1 as FYI.**
- 22          •       Correspondence to all TSGs dated 19 February 2009 regarding TSG Review of  
23          SC.P2004-003-0 v0.4 System Release 4 Standardized (C00-20090216-131) was  
24          presented from TSG-S. **ACTION: This contribution was remanded to all  
25          WGs for review and comment with comments to be coordinated by WG1.**
- 26          •       Correspondence to all TSGs dated 19 February 2009 regarding review of WI  
27          3GPP2-00219 Support for 3GPP2 HRPD Rev B and 3GPP E-UTRAN (LTE)  
28          Mobility Interworking and Inter-technology Handoff (C00-20090216-132) was  
29          presented from TSG-S. **ACTION: This contribution was remanded to WG2  
30          as FYI.**
- 31          •       Correspondence to TIA TR45 AHAG and all TSGs dated 19 February 2009  
32          regarding V&V of S.P0053-0 v1.1 Common Cryptographic Algorithms (C00-  
33          20090216-133) was presented from TSG-S. **ACTION: This contribution was  
34          remanded to all WGs for review and action.**

- 1           •       TSG-X: Draft Presentation for Femto Conference dated March 2009 (C00-20090216-  
2           111) was presented from TSG-X. **ACTION: This contribution was remanded to all**  
3           **WGs for review and comment with comments to be coordinated by WG1.**
- 4           •       TIA: TIA ballot comments for C.P0038-B (PN3-0057-RV2, TIA-919-B) Signaling  
5           Conformance Specification for High Rate Packet Data Air Interface (C00-20090216-112)  
6           were presented from TIA TR45.5. **ACTION: This contribution was remanded to**  
7           **WG4 for review and action as appropriate.**
- 8           •       ITU: The following contributions were discussed:
- 9           •       A Draft Liaison Statement To External Organizations regarding Request For  
10          Information On Femtocells (C00-20090216-113) was presented from ITU-R  
11          WP5D. Femtocell information is required for the ITU-R WP5D meeting in June  
12          2009. **ACTION: This contribution was remanded to WG1, WG2, WG3, and**  
13          **the ITU AdHoc for review and comment with comments to be coordinated by**  
14          **the ITU AdHoc.**
- 15          **ACTION: The Secretary was directed to send this advance text to the other**  
16          **TSGs as a “heads up” pending receipt of the official version.**
- 17          •       Preliminary version of Status of draft Revision 9 of Recommendation ITU-R  
18          M.1457 (C00-20090216-114) was presented from ITU-R WP5D. **ACTION:**  
19          **This contribution was remanded to WG3 and the ITU AdHoc for review and**  
20          **comment with comments to be coordinated by the ITU AdHoc.**
- 21          •       Preliminary version of the proposed update of Section 5.2 of M.1457-8 (C00-  
22          20090216-115) was presented from ITU-R WP5D. **ACTION: This**  
23          **contribution was remanded to WG3 and the ITU AdHoc for review and**  
24          **comment with comments to be coordinated by the ITU AdHoc.**
- 25          •       Preliminary version of Liaison statement to TIA Status of Revision 9 of  
26          Recommendation ITU-R M.1457 (C00-20090216-116) was presented from ITU-  
27          R WP5D. **ACTION: This contribution was remanded to WG3 and the ITU**  
28          **AdHoc for review and comment with comments to be coordinated by the ITU**  
29          **AdHoc.**
- 30          •       CDG: No contributions or discussions.
- 31          •       3GPP: No contributions or discussions.
- 32          •       OMA: No contributions or discussions.
- 33          •       OTHER: No contributions or discussions.
- 34    **15. OLD BUSINESS (continued):** A WI Request for MEID Signaling Conformance Spec (C00-  
35    20090216-106) was presented from Qualcomm, Sierra Wireless, and Spirent. **ACTION: This**  
36    **contribution was remanded to WG1 and WG4 for review and comment with comments to**  
37    **be coordinated by WG1.**



1 16. **NEW BUSINESS (continued):** No contributions or discussions.

2 17. **FUTURE MEETING SCHEDULE:**

30 March – 3 April 2009	Loews New Orleans Hotel in New Orleans, LA, USA
11-15 May 2009	Vancouver, BC, Canada
15-18 June 2009	Newport Beach Marriott Hotel in Newport Beach, CA, USA

3 18. **OPEN DISCUSSION AND OTHER BUSINESS:**

4 19. **ASSIGNMENTS:** The open action items, other than standard document remands, are noted  
5 below:

6 080825-005 WG3 to update WP5D parameters for radio interfaces appropriate for the new  
7 IMT frequency ranges identified at WRC-07 as it was found that Report M.2039 for  
8 CDMA MC contained incorrect values and agreed to amend this for a future WP5D  
9 meeting. As noted by the WG3 Chair, this action will remain open and is expected to be  
10 resolved no later than the June 2009 meeting.

11 090216-001 The TSG-C took an action to request direction from the SC regarding how 3GPP2  
12 should submit technical information to the Broadband Forum.

13 090216-002 The TSG-C took an action to advise the SC that TSG-C is considering to rescind  
14 the cdma2000 1x Analog specification and comments are requested immediately from SC  
15 participants regarding any related concerns.

16 090216-003 All WGs were requested consider the implications to their work of the Femto  
17 Auto-Config Parameters and to provide input to the Plenary of how TSG-C should  
18 structure this effort.

19 090216-004 WG3 was requested to create a 1x Revision E Feature List from a PHY  
20 perspective based on the work already done in WG2.

- 21 • WG2 will forward their list to WG3 and WG4 for their consideration.
- 22 • WG1 will coordinate all inputs into a single TSG-C 1x Revision E Feature List.

23 090216-005 WG2 has requested direction on whether a 3GPP2-wide document for Femto  
24 Auto-Config Parameters or if a separate document should be one developed by each  
25 TSG?

26

27 20. **ADJOURNMENT:** The Plenary was adjourned on 20 February 2009 at 11:26 AM local time.

28

NUMBER	SUBJECT	SOURCE	ACTION
<b>OPENING PLENARY – C00-20090216-</b>			
000	DOCUMENT REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVED
002	TSG-C Meeting Summary - December 2008 – Maui, HI, USA	SECRETARY	APPROVED
003	TSG-C Meeting Summary – 2 February 2009 Interim Plenary	SECRETARY	APPROVED R1
004	WI Proposal for Test Related Specifications for 1x Enhancements	AIRVANA, ALCATEL-LUCENT, KDDI, KYOCERA, NORTEL, AND QUALCOMM	WG1, WG2, WG4
005	WI Proposal for 1x and HRPD Base Station Minimum Performance Specifications for Femto Cells	AIRVANA, ALCATEL-LUCENT, KDDI, NORTEL, AND QUALCOMM	WG1, WG4
006	TSG-S Document Status Table – December 2008	TSG-S	ALL WGs
007	Correspondence to all TSGs dated 4 December 2008 regarding Proposed Work Item Review	TSG-S	<b>WG1</b> ALL WGs
008	Correspondence to TSG-S dated 5 December 2008 regarding Review Items	TSG-X	<b>WG1</b> WG1, WG2
009	Correspondence to TSG-S dated 5 December 2008 regarding Review Items	TSG-X	<b>WG1</b> WG1, WG2
010	Correspondence to TSG-A dated 5 December 2008 regarding New A12 RADIUS Attribute Definition	TSG-X	WG2
011	Correspondence to all TSGs dated 5 December 2008 regarding Definition of Auto-Configuration Parameters for Femtocells	TSG-X	<b>WG1</b> ALL WGs

NUMBER	SUBJECT	SOURCE	ACTION
012	Correspondence to TSG-A and TSG-C dated 5 December 2008 regarding Restriction on SO72, eHRPD Definition	TSG-X	<b>WG2</b> ALL WGs
013	E-mail correspondences regarding SC level review and approval of C.S0084-000-A v1.0 Overview for Ultra Mobile Broadband (UMB) Air Interface Specification, C.S0084-011-0 v1.0 Physical Layer for Ultra Mobile Broadband (UMB) TDD Air Interface Specification, and C.S0084-012-0 v1.0 Medium Access Control Layer Protocols for Ultra Mobile Broadband TDD (UMB-TDD) Air Interface Specification	3GPP2 SECRETARIAT	FYI
014	E-mail correspondence dated 8 December 2008 regarding V&V review for C.P0022-B v0.6 Position Determination Service for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI
015	E-mail correspondence dated 8 December 2008 regarding V&V review for C.P0038-B v0.8 Signaling Conformance Specification for High Rate Packet Data Air Interface	3GPP2 SECRETARIAT	FYI
016	E-mail correspondence dated 8 December 2008 regarding V&V review for C.P0067-A v0.9 Key Exchange Protocols for cdma2000 High Rate Packet Data Air Interface	3GPP2 SECRETARIAT	FYI
017	E-mail correspondence dated 8 December 2008 regarding V&V review for C.P0088-0 v0.8 Recommended Minimum Performance Standards for cdma2000 Ultra Mobile Broadband (UMB) Access Network	3GPP2 SECRETARIAT	FYI
018	E-mail correspondence dated 8 December 2008 regarding V&V review for C.P0089-0 v0.8 Recommended Minimum Performance Standards for cdma2000 Ultra Mobile Broadband Access Terminal	3GPP2 SECRETARIAT	FYI
019	E-mail correspondence dated 8 December 2008 regarding V&V review for C.P0090-0 v0.7 Test Application Specification for cdma2000 Ultra Mobile Broadband (UMB)	3GPP2 SECRETARIAT	FYI

<b>NUMBER</b>	<b>SUBJECT</b>	<b>SOURCE</b>	<b>ACTION</b>
020	E-mail correspondence to all OPs dated 9 December 2008 regarding Reminder memo to OPs on M.1457-9	3GPP2 SECRETARIAT	FYI
021	E-mail correspondence to all OPs dated 9 December 2008 regarding Memo to OPs on M.1580-3 & M.1581-3	3GPP2 SECRETARIAT	FYI
022	E-mail correspondence dated 17 December 2008 regarding Confirmation of TSG leadership for 2009-2010 term	3GPP2 SECRETARIAT	FYI
023	E-mail correspondence dated 27 January 2009 regarding 2009 3GPP2 Secretariat Changes	3GPP2 SECRETARIAT	FYI
024	LS dated 23 September 2008 regarding Draft ITU-T recommendation on Administration and allocation of multicast addresses for civic purposes	ITU-T SG2	<b>WG1</b> WG1, WG2
025	E-mail correspondence dated 3 February 2009 regarding V&V review of C.P0085-A v1.0 VoIP Codecs and Protocols	3GPP2 SECRETARIAT	FYI
026	E-mail correspondence dated 3 February 2009 regarding extended V&V review of C.P0087-0 v0.5 E-UTRAN - cdma2000 Connectivity and Interworking: Air Interface Specification	3GPP2 SECRETARIAT	FYI
027	E-mail correspondence dated 5 February 2009 regarding Proposal for all TSG Femto meeting in March 2009	TSG-X	<b>WG1</b> ALL WGs
028	Approved 2010 Meeting Calendar	3GPP2 SECRETARIAT	FYI
029	Open Mobile Handset Initiative: (OMH) Incorporation of CDG Document 166 in 3GPP2 Specifications	CDG	<b>WG1</b> ALL WGs
030	Liaison Statement regarding Frame Lengths in the AAC Family Profiles [SC 29/WG 11 N 10516, Attachment: WG 11 N 10434]	ISO/IEC JTC 1/SC 29	WG1
031	Project Number/Document Number request for the next revision of EVRC	WG1	APPROVED

NUMBER	SUBJECT	SOURCE	ACTION
032	C.P0014-D Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, and YY for Wideband Spread Spectrum Digital Systems proposed baseline text	WG1	APPROVED
033	C.P0067-A Key Exchange Protocols for cdma2000 High Rate packet Data Air Interface proposed publication text	WG2	FYI
034	C.P0001-E Introduction for cdma2000 Spread Spectrum Systems proposed baseline text	WG2	APPROVED
035	C.P0003-E MAC Layer Signaling Standard for cdma2000 Spread Spectrum Systems proposed baseline text	WG2	APPROVED
036	C.P0004-E LAC Layer Signaling Standard for cdma2000 Spread Spectrum Systems proposed baseline text	WG2	APPROVED
037	C.P0005-E Layer 3 Signaling Standard for cdma2000 Spread Spectrum Systems proposed baseline text	WG2	APPROVED
038	C.P0006-E Analog Signaling Standard for cdma2000 Spread Spectrum Systems proposed baseline text	WG2	APPROVED
039	C.S0067-0 (TIA-1081) Generic Key Exchange Protocol for cdma2000 High Rate packet Data Air Interface proposed updated publication text	TIA TR45.5	WG2
040	C.S0065 (TIA-1080-1) cdma2000 Application on UICC for Spread Spectrum Systems proposed updated publication text	TIA TR45.5	FYI
041	C.S0046 (TIA-1012) Multimedia Streaming Service (MSS) for cdma2000 Spread Spectrum Systems proposed updated publication text	TIA TR45.5	FYI
042	C.S0093-0 (TIA-1150) Highly Detectable Pilot Specification for the cdma2000 High Rate Packet Data Air Interface proposed updated publication text	TIA TR45.5	WG3

NUMBER	SUBJECT	SOURCE	ACTION
043	C.S0062 (TIA-1046-1) Signaling Conformance Test Specification for cdma2000 Data Services proposed updated publication text	TIA TR45.5	WG4
044	C.S0055 (TIA-924) Packet Switched Video Telephony Services (PSVT) proposed updated publication text	TIA TR45.5	WG1
045	C.R1010 (TIA-1131.SF) Software Distribution for H.263 Video Codec for 3GPP2 Packet Switched Multimedia Services proposed updated publication text	TIA TR45.5	WG1
046	C.S0069 (TIA-1078) ISIM Application on UICC for cdma2000 Spread Spectrum Systems proposed updated publication text	TIA TR45.5	WG1
047	C.S0074 (TIA-1058) UICC – Terminal Interface: Physical and Logical Characteristics for cdma2000 Spread Spectrum Systems proposed updated publication text	TIA TR45.5	WG1
048	C.S0073-A (TIA-1084) Signaling Test Specification for Mobile Station Equipment Identifier (MEID) Support for cdma2000 Systems proposed updated publication text	TIA TR45.5	FYI
049	C.P0057 (TIA-1030-C) Band Class Specification for cdma2000 Spread Spectrum Systems proposed updated publication text	TIA TR45.5	WG3
050	C.P0058 (TIA-1043) Over the Air Interoperability Specification for cdma2000 Air Interface proposed updated publication text	TIA TR45.5	WG4
051	ITU-R WP5D Preliminary Update	TIA TR45.5	FYI
052	C.P0002-E Physical Layer for cdma2000 Spread Spectrum Systems proposed baseline text	WG3	APPROVAL
053	Correspondence dated 16 February 2009 regarding PDN ID for Default APN	TSG-X	WG2
054	3GPP2 Workplan files – February 2009	3GPP2 PMT COORDINATOR	<b>WG1</b> ALL WGs

NUMBER	SUBJECT	SOURCE	ACTION
<b>CLOSING PLENARY – C00-20090216-</b>			
101	WG1 Report	WG1	FYI, -A APPROVAL
102	WG2 Report	WG2	FYI
103	WG3 Report	WG3	FYI
104	WG4 Report	WG4	FYI
105	ITU AdHoc Report	ITU ADHOC	NO REPORT
106	WI Request for MEID Signaling Conformance Spec	QUALCOMM, SIERRA WIRELESS, AND SPIRENT	WG1, WG4
107	Updated 3GPP2 Workplan files – February 2009	3GPP2 PMT COORDINATOR	<b>WG1</b> ALL WGs
108	C.P0002-E cdma2000 PHY layer proposed V&V text	WG3	APPROVED
109	WITHDRAWN		
110	C.P1002-A Evaluation Methodology proposed V&V text	WG3	APPROVED
111	Draft Presentation for Femto Conference dated March 2009	TSG-X	<b>WG1</b> ALL WGs
112	TIA ballot comments for C.P0038-B (PN3-0057-RV2,TIA-919-B) Signaling Conformance Specification for High Rate Packet Data Air Interface	TIA TR45.5	WG4
113	Draft Liaison Statement To External Organizations Request For Information On Femtocells	ITU-R WP5D	<b>ITU ADHOC</b> WG1, WG2, WG3

<b>NUMBER</b>	<b>SUBJECT</b>	<b>SOURCE</b>	<b>ACTION</b>
114	Preliminary version of Status of draft Revision 9 of Recommendation ITU-R M.1457	ITU-R WP5D	ITU ADHOC WG3
115	Preliminary version of the proposed update of Section 5.2 of M.1457-8	ITU-R WP5D	ITU ADHOC WG3
116	Preliminary version of Liaison statement to TIA Status of Revision 9 of Recommendation ITU-R M.1457	ITU-R WP5D	ITU ADHOC WG3
117	WiMAX™ - HRPD Interworking: Air Interface Specification proposed baseline text	WG2	APPROVED
118	C.P0024-B (TIA-856-B-1) cdma2000 High Rate Packet Data Air Interface Specification proposed V&V text	WG2	APPROVED
119	C.P0067-A (TIA-1081-A) Key Exchange Protocols for cdma2000 High Rate Packet Data Air Interface proposed publication text	WG2	APPROVED
120	C.P0001-E (TIA-EIA-IS-2000.1-E) Introduction to cdma2000 Spread Spectrum Systems proposed V&V text	WG2	APPROVED
121	C.P0003-E (TIA-EIA-IS-2000.3-E) Medium Access Control (MAC) Standard for cdma2000 Spread Spectrum Systems proposed V&V text	WG2	APPROVED
122	C.P0004-E (TIA-EIA-IS-2000.4-E) Signaling Link Access Control (LAC) Standard for cdma2000 Spread Spectrum Systems proposed V&V text	WG2	APPROVED
123	C.P0005-E (TIA-EIA-IS-2000.5-E) Upper Layer (Layer 3) Signaling Standard for cdma2000 Spread Spectrum Systems proposed V&V text	WG2	APPROVED
124	C.P0006-E (TIA-EIA-IS-2000.6-E) Analog Signaling Standard for cdma2000 Spread Spectrum Systems proposed V&V text	WG2	APPROVED



<b>NUMBER</b>	<b>SUBJECT</b>	<b>SOURCE</b>	<b>ACTION</b>
125	Proposed correspondence to TSG-X regarding eHRPD Definition, PDN-ID, SO72	WG2	APPROVED
126	TSG-S Liaison Report – February 2009	TSG-S LIAISON	FYI
127	Correspondence to TSG-X dated 19 February 2009 regarding Definition of Auto-Configuration Parameters for Femto Cells	TSG-S	WG1, WG2
128	Correspondence to TSG-X dated 19 February 2009 regarding Review of S.P0129-A HRPD/1xRTT and 3GPP E-UTRAN (LTE) Interworking and Inter-Technology Handoff Stage 1 Requirements	TSG-S	WG1, WG2
129	Correspondence to TIA TR45.8 dated 19 February 2009 regarding V&V and Ballot Comment Disposition Records for S.R0121-0 Network Evolution SRD	TSG-S	WG1, WG2, WG3
130	Correspondence to OMA DM dated 19 February 2009 regarding New Version of OMA DM Enabler	TSG-S	WG1
131	Correspondence to all TSGs dated 19 February 2009 regarding TSG Review of SC.P2004-003-0 v0.4 System Release 4 Standardized	TSG-S	<b>WG1</b> ALL WGs
132	Correspondence to all TSGs dated 19 February 2009 regarding review of WI 3GPP2-00219 Support for 3GPP2 HRPD Rev B and 3GPP E-UTRAN (LTE) Mobility Interworking and Inter-technology Handoff	TSG-S	WG2
133	Correspondence to TIA TR45 AHAG and all TSGs dated 19 February 2009 regarding V&V of S.P0053-0 v1.1 Common Cryptographic Algorithms	TSG-S	ALL WGs
134	C.P0022-B v0.95 Position Determination Service for cdma2000 Spread Spectrum Systems proposed publication text	WG1	APPROVED
135	C.P0022-B v0.95 Position Determination Service for cdma2000 Spread Spectrum Systems Software Distribution proposed publication text	WG1	APPROVED

<b>NUMBER</b>	<b>SUBJECT</b>	<b>SOURCE</b>	<b>ACTION</b>
136	TIA-1131.SF (C.R1010) Software Distribution for H.263 Video Codec for 3GPP2 Packet Switched Multimedia Services proposed updated publication text	WG1	APPROVED
137	C.S0069 (TIA-1078) ISIM Application on UICC for cdma2000 Spread Spectrum Systems proposed replacement publication text	WG1	APPROVED
138	C.S0074 (TIA-1058) UICC – Terminal Interface: Physical and Logical Characteristics for cdma2000 Spread Spectrum Systems proposed replacement publication text	WG1	APPROVED
139	C.P0014-D Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, and 73 for Wideband Spread Spectrum Digital Systems proposed V&V text	WG1	APPROVED
140	Proposed correspondence to TSG-X regarding TSG-C comments on the Femto Forum Sponsored Conference Presentation	WG1	APPROVED R1
141	Proposed correspondence to TSG-S regarding TSG-C review of SC.R5003 v0.6.1	WG1	APPROVED R1
142	C.P0089 v. 0.90 B Recommended Minimum Performance Standards for cdma2000 Ultra Mobile Broadband Access Terminal Proposed Extended V&V	WG4	APPROVED
143	C.P0038-B v. 0.95 Signaling Conformance Specification for High Rate Packet Data Air Interface Proposed Publication Text	WG4	APPROVED

1  
2

3GPP2 QUORUM ROLL CALL  
 TSG-C (cdma2000 Air Interface)  
 Shanghai, China  
 20-Feb-09

INDIVIDUAL MEMBER COMPANY	Attendance	Attendance	Consec Mtgs Missed	Voting Status	Quorum Status	Voting Status	Quorum Status
	2/16/2009	2/20/2009	Including this Mtg	This Meeting	This Meeting	Next Meeting*	Next Meeting*
AGILENT TECHNOLOGIES			1	1	1	1	1
AIRCELL			1	1	1	1	1
AIRVANA	1		0	1	1	1	1
ALCATEL-LUCENT	1		0	1	1	1	1
ALLTEL			2	1	1	1	1
DOCOMO US LABORATORIES			3	0	0	0	0
ERICSSON	1		0	1	1	1	1
FRANCE TELECOM			2	0	0	0	0
GEMALTO			3	0	0	0	0
HITACHI	1		0	1	1	1	1
HUAWEI	1		0	1	1	1	1
KDDI	1		0	1	1	1	1
KYOCERA	1		0	1	1	1	1
LG ELECTRONICS	1		0	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
NOKIA SIEMENS NETWORK			3	0	0	0	0
NORTEL NETWORKS	1		0	1	1	1	1
QUALCOMM	1		0	1	1	1	1
RESEARCH IN MOTION			1	1	1	1	1
RITT	1		0	1	1	1	1
ROHDE & SCHWARZ	1		0	1	1	1	1
SAMSUNG	1		0	1	1	1	1
SIERRA WIRELESS			1	1	1	1	1
SK TELECOM			2	0	0	0	0
SKYTERRA			1	1	1	1	1
SPIRENT COMMUNICATIONS		1	0	1	1	1	1
SPRINT/NEXTEL			1	1	1	1	1
US CELLULAR			2	0	0	0	0
VERIZON WIRELESS	1		0	1	1	1	1
VIA TELECOM	1		0	1	1	1	1
ZTE	1		0	1	1	1	1
<b>TOTALS</b>	<b>19</b>	<b>1</b>		<b>27</b>	<b>27</b>	<b>27</b>	<b>27</b>
<b>QUORUM CALCULATION</b>	<b>70%</b>	<b>4%</b>					
<b>ADDITIONS</b>							
CHINA TELECOM	1						
<b>GUEST OR OBSERVERS</b>							
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

P = Letter of Proxy in effect

\* Next Meeting status based on the assumption that the company will be present at the next meeting.