

1 **Title:**

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2 **APPROVED SUMMARY OF TSG-C MEETING**  
3 **for 2-5 November 2009 in Mumbai, India**

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 2-5 November 2009 in Mumbai, India.  
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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 2-5 November 2009, 3GPP2 TSG-C meetings were held at the Hyatt Regency,  
2 Mumbai in Mumbai, India. This document is intended to summarize those proceedings.

#### 4 OPENING PLENARY

5 1. **CALL TO ORDER AND OPENING REMARKS:** The meeting was called to order on  
6 Monday 2 November 2009 at 9:06 AM local time by TSG-C Chair, Ed Tiedemann (Qualcomm).

7 The Chair welcomed everyone to Mumbai. The Chair also requested that visitors and/or new  
8 attendees introduce themselves.

9 The Chair requested all participants to sign into the electronic roster on the 3GPP2 server.

10 2. **ATTENDANCE REGISTRATION AND ROLL CALL:** A roll call of companies indicated  
11 that 15 companies included on the list of 25 active quorum members were present (60%  
12 participation). Thus, meeting quorum was achieved.

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

14 3. **INTRODUCTION AND NUMBERING OF CONTRIBUTIONS:** Contributions were loaded  
15 onto the 3GPP2 LAN server and listed in the document register (C00-20091102-000).

16 4. **AGENDA APPROVAL:** The proposed agenda (C00-20091102-001) was presented.

17 The Chair noted the following additional activities this week:

- 18 • The TSG-S 3GPP2 Vision AdHoc meets on Monday 2 November 2009 during the  
19 4-6 PM time slot in the TSG-S Plenary meeting room.
- 20 • Closing Plenary for TSG-C will be held on Thursday during the 6-8 PM time slot.
- 21 • The Chair also noted that the 3GPP2 Workshop regarding “Serving Growth Markets”  
22 will be held on Friday 6 November 2009.

23 **DECISION: The agenda was approved without objection as submitted (C00-20091102-001).**

24 5. **ASSIGNMENTS OF CONTRIBUTIONS TO AGENDA ITEMS:** Contributions were  
25 assigned to agenda items as noted on the agenda.

26 6. **APPROVAL OF PREVIOUS MEETING SUMMARY:**

- 27 • The summary of the TSG-C meeting for September 2009 that was held in Hollywood,  
28 CA, USA (C00-20091102-002) was presented. **DECISION: This meeting summary  
29 was approved without objection as submitted (C00-20091102-002).**
- 30 • The summary of the TSG-C interim Plenary conference call that was held on 21 October  
31 2009 (C00-20091102-003) was presented. **DECISION: This meeting summary was  
32 approved without objection as submitted (C00-20091102-003).**

1 7. **REVIEW OF OUTSTANDING ACTIONS FROM PREVIOUS MEETING:** The action  
2 items from the September 2009 face-to-face meeting were noted as follows:

3 090511-003 Regarding the solicitation of a volunteer to serve as the TSG-C document  
4 reviewer to review primary requirements for document format and consistency with TIA  
5 transposition requirements, WG1 recommends that the review be done by the WG Chair,  
6 or an individual appointed by the WG Chair, of the WG that is the source of the  
7 document. It is also recommended that check lists be adopted for use for the V&V and  
8 publication stages. WG Chairs were requested to consider the WG1 recommendation  
9 related to document review and be prepared to discuss at the November 2009 meeting.

10 **DECISION: This action was held OPEN until the closing Plenary.**

11 090921-001 Correspondence to all TSGs dated 2 September 2009 regarding UIM\_ID proposal  
12 request (C00-20090921-022) from TIA TR45 was remanded to WG1 and WG2 for  
13 review and comment with the TSG-C response to be coordinated by WG1 no later than  
14 the November 2009 meeting for incorporation into a 3GPP2 response by TSG-S.

15 **DECISION: This action was held OPEN until the closing Plenary.**

16 090921-002 A WI proposal regarding CSIM Test Specification (C00-20090921-027) from  
17 Huawei, Qualcomm, RITT, and Verizon Wireless was remanded to WG1 for review and  
18 action as appropriate and to WG4 for review and comment with both groups having input  
19 on which group will be responsible for this work.

20 **DECISION: This action was held OPEN until the closing Plenary.**

21 090921-003 A WI proposal regarding 1x micro-BS (C00-20090921-033) was presented from  
22 China Telecom, Huawei, Nortel Networks, and ZTE. The Chair requested a presentation  
23 on the intent for BS classes from the contributors of this WI.

24 This presentation was subsequently provided under new business as Information  
25 regarding Work Item for Pico/Micro BS (C00-20091102-040R1).

26 **DECISION: This action was held OPEN until the closing Plenary.**

27 090921-004 The WG Chairs have been requested to provide inputs for the TSG-C presentation  
28 to the 3GPP2 Workshop that will then coordinated by the Chair. The document is  
29 intended to be distribute to the TSG-C exploder for membership review and then  
30 approved at the opening Plenary in Mumbai.

31 The initial draft was provided under new business as 3GPP2 Air Interface Perspectives,  
32 TSG-C Structure & Activities (C00-20091102-031R2) from the TSG-C Chair.

33 **DECISION: This action was CLOSED without objection.**

34 090921-005 The WG Chairs have also been requested to provide input on what business may  
35 be considered by TSG-C through 2010.

36 **DECISION: This action was held OPEN until the closing Plenary.**

37 8. **LIAISON REPORTS:**

- 38 • **OP:** No contributions or discussion.

- 1           •       **SC:** No contributions or discussion.
- 2           •       **3GPP2 SECRETARIAT:** The following contributions were discussed:
- 3           •       E-mail correspondences regarding SC level review and approval for republication  
4           of C.S0001-E through C.S0005-E cdma2000 1x Air Interface (C00-20091102-  
5           008) was presented from the 3GPP2 Secretariat as FYI for TSG-C.
- 6           •       E-mail correspondences regarding SC level review and approval for publication  
7           of C.S0024-B HRPD Air Interface (C00-20091102-009) was presented from the  
8           3GPP2 Secretariat as FYI for TSG-C.
- 9           •       E-mail correspondences regarding SC level review and approval for republication  
10          of C.R0022-B v1.0 Position Determination Service for cdma2000 Spread  
11          Spectrum Systems Software Distribution (C00-20091102-010) was presented  
12          from the 3GPP2 Secretariat as FYI for TSG-C.
- 13          •       E-mail correspondences regarding SC level review and approval for publication  
14          of C.S0057-D v1.0 Band Class Specification for cdma2000 Spread Spectrum  
15          Systems (C00-20091102-011) was presented from the 3GPP2 Secretariat as FYI  
16          for TSG-C.
- 17          •       E-mail correspondence dated 29 September 2009 regarding V&V release for  
18          C.P0036-0 v1.9 Recommended Minimum Performance Specification for Mobile  
19          Stations with Position Service (C00-20091102-012) was presented from the  
20          3GPP2 Secretariat as FYI for TSG-C.
- 21          •       E-mail correspondence dated 29 September 2009 regarding V&V release for  
22          C.P1002-B v0.2 cdma2000 Evaluation Methodology (C00-20091102-013) was  
23          presented from the 3GPP2 Secretariat as FYI for TSG-C.
- 24          •       E-mail correspondence dated 23 October 2009 regarding V&V release for  
25          C.S0018-D v0.9 - Minimum Performance Specification for the Enhanced  
26          Variable Rate Codec, Speech Service Options 3, 68, 70, and 73 for Wideband  
27          Spread Spectrum Digital Systems and C.R0018-D v0.9 - Software Distribution for  
28          Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, and  
29          73, Minimum Performance Specification (C00-20091102-014) was presented  
30          from the 3GPP2 Secretariat as FYI for TSG-C.
- 31          •       E-mail correspondence dated 23 October 2009 regarding V&V release for  
32          C.P0065-B v0.3 cdma2000 Application on UICC for Spread Spectrum Systems  
33          (C00-20091102-015) was presented from the 3GPP2 Secretariat as FYI for  
34          TSG-C.
- 35          •       E-mail correspondence dated 23 October 2009 regarding V&V release for  
36          C.P0074-A v0.0 UICC-Terminal interface Physical and Logical Characteristics  
37          for cdma2000 Spread Spectrum Systems (C00-20091102-016) was presented  
38          from the 3GPP2 Secretariat as FYI for TSG-C.

- 1                   •       E-mail correspondence dated 29 September 2009 regarding V&V release for  
2                   C.P0087-0 v1.5 - E-UTRAN – cdma2000 Connectivity and Interworking: Air  
3                   Interface Specification (C00-20091102-017) was presented from the 3GPP2  
4                   Secretariat as FYI for TSG-C.
- 5                   •       E-mail correspondence dated 23 October 2009 regarding V&V release for  
6                   C.P0095-0 v0.9 Signaling Test Specification for EUTRAN-cdma2000  
7                   Connectivity and Interworking (C00-20091102-018) was presented from the  
8                   3GPP2 Secretariat as FYI for TSG-C.
- 9                   •       E-mail correspondence dated 23 October 2009 regarding extended V&V release  
10                  for C.P0014-D – Software Distribution for Enhanced Variable Rate Codec  
11                  (EVRC), Speech Service Options 3, 68, 70, and 73 Specification (C00-20091102-  
12                  019) was presented from the 3GPP2 Secretariat as FYI for TSG-C.
- 13                  •       E-mail correspondence dated 23 October 2009 regarding extended V&V release  
14                  for C.P0016-D v0.91 Over-the-Air Service Provisioning of Mobile Stations in  
15                  Spread Spectrum Standards (C00-20091102-020) was presented from the 3GPP2  
16                  Secretariat as FYI for TSG-C.
- 17                  •       E-mail correspondences regarding SC level review and approval for 3GPP2  
18                  presentation to CDG America's Regional Conference (C00-20091102-021) was  
19                  presented from the 3GPP2 Secretariat as FYI for TSG-C.
- 20                  The Chair noted that, due to the change in the presentation schedule, Mike Dolan  
21                  (Alcatel-Lucent) will be unable to serve as the presenter of the 3GPP2 input.  
22                  TSG-X will name an alternate presenter this week, probably Jun Wang  
23                  (Qualcomm).
- 24                  •       E-mail correspondence dated 15 October 2009 regarding JEM 01 Liaison with  
25                  Summary and Action Report (C00-20091102-022) was presented from the 3GPP2  
26                  Secretariat as forwarded from the JEM. This contribution was presented by  
27                  David Crowe (CDG). This contribution was noted as FYI for TSG-C.
- 28                  The JEM 01 Participants agreed to meet next in Washington, DC or New Orleans,  
29                  LA USA during the period of Thursday and Friday, 15-16 April 2010.
- 30                  •       3GPP2 Workplan files for November 2009 (C00-20091102-036) were presented  
31                  from the 3GPP2 Secretariat. **ACTION: This contribution was remanded to all**  
32                  **WGs for review and comment with comments to be coordinated by WG1.**
- 33                  •       **TSG-A:** Correspondence dated 24 September 2009 regarding Refusal of a 1x Page  
34                  Delivery (C00-20091102-006) was presented from TSG-A. **ACTION: This**  
35                  **contribution was remanded to WG2 for review and action as appropriate.**
- 36                  •       **TSG-S:**
- 37                  •       The TSG-S Document Status Table for September 2009 (C00-20091102-004) was  
38                  presented from TSG-S. **ACTION: This contribution was remanded to all**  
39                  **WGs as FYI.**

- 1           •       Correspondence to all TSGs dated 24 September 2009 regarding Work Item  
2       Worksheets for Review (C00-20091102-005) was presented from TSG-S.  
3       **ACTION: This contribution was remanded to all WGs for review and**  
4       **comment with comments to be coordinated by WG1.**
- 5           •       **TSG-X:** Correspondence to TSG-S dated 25 September 2009 regarding Review Items  
6       (C00-20091102-007) was presented from TSG-X. **ACTION: This contribution was**  
7       **remanded to WG1 for review and action as appropriate.**
- 8           •       **TR45:** The following contributions were discussed:
- 9           •       TIA Legal comments regarding C.S0038-B v1.0 Signaling Conformance  
10       Specification for High Rate Packet Data Air Interface (C00-20091102-023) was  
11       presented from TIA TR45.5. **ACTION: This contribution was remanded to**  
12       **WG4 for review and action as appropriate.**
- 13          •       TIA Legal comments regarding C.S0085-A v1.0 VoIP Codecs and Protocols  
14       (C00-20091102-024) was presented from TIA TR45.5. **ACTION: This**  
15       **contribution was remanded to WG1 and WG2 for review and action as**  
16       **appropriate with WG1 taking the lead.**
- 17          •       TIA ballot comments regarding C.S0087-0 E-UTRAN - HRPD and cdma2000 1x  
18       Connectivity and Inter-working Air Interface Specification (C00-20091102-037)  
19       was presented from TIA TR45.5. **ACTION: This contribution was remanded**  
20       **to WG2 for review and action as appropriate.**
- 21          •       TIA ballot comments regarding C.S0036-0 Recommended Minimum  
22       Performance Standard for Mobile Stations with Position Service (C00-20091102-  
23       038) was presented from TIA TR45.5. **ACTION: This contribution was**  
24       **remanded to WG4 for review and action as appropriate.**
- 25          •       **ITU:** The following contributions were discussed:
- 26          •       An LS to 3GPP and 3GPP2 dated 12 September 2009 regarding LS to mobility  
27       coordination for NGN (C00-20091102-026) was presented from ITU SG13.  
28       **ACTION: This contribution was remanded to the ITU AdHoc for review**  
29       **and action as appropriate.**
- 30          •       An LS to 3GPP2 dated 12 September 2009 regarding Request for information on  
31       Recommendation Q.1742.8 (C00-20091102-027) was presented from ITU SG13.  
32       **ACTION: This contribution was remanded to the ITU AdHoc for review**  
33       **and action as appropriate.**
- 34          •       **CDG:** No contributions or discussion.
- 35          •       **OMA:** No contributions or discussion.
- 36          •       **3GPP/ETSI:** An LS dated 16 October 2009 regarding Reply LS on Round-Trip-Delay  
37       information between eNB and the UE (C00-20091102-025) was presented from 3GPP  
38       CT4. **ACTION: This contribution was remanded to WG2 for review and action as**  
39       **appropriate.**

- 1           •       **Other:** An LS to ITU-T SG12 regarding Response to Draft ITU-T Recommendation on  
2           Requirements for Land Mobile Alerting Broadcast Capabilities for Civic Purposes (C00-  
3           20091102-028) was presented from ATIS as FYI for TSG-C.

4   **9.   WORKING GROUP REPORTS:**

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

7           **DECISION: C.P0014-D v1.9 Enhanced Variable Rate Codec, Speech Service**  
8           **Options 3, 68, 70, and 73 for Wideband Spread Spectrum Digital Systems (C00-**  
9           **20091102-032) was approved without objection for V&V by the 3GPP2 OPs and**  
10           **TSG-C participants with comments due on or before 7 December 2009 and liaised to**  
11           **TIA TR45.5.**

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

14          No additional actions requested from Plenary at this time.

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

17          No additional actions requested from Plenary at this time.

- 18          •       **WG4 REPORT:** A verbal report of the WG4 activities was presented by Raj Khanna  
19          (Rohde and Schwarz), as FYI.

20          The discussion noted that the only WG4 meeting this week will be via conference call on  
21          Wednesday at 8:00 PM local time.

22          No actions requested from Plenary at this time.

- 23          •       **ITU REPORT:** A verbal report of the ITU AdHoc activities was presented from the  
24          ITU AdHoc Chair, Yoshinori Ishikawa (Hitachi).

25          No actions requested from Plenary at this time.

- 26          •       **TSG-C MANAGEMENT OBJECT ADHOC (CMOAHG) REPORT:** A verbal  
27          report of the CMOAHG was presented by AdHoc Chair, Peerapol Tinnakornsrisuphap  
28          (Qualcomm), as FYI.

29          The discussion noted that the scheduled for completion of CMOAHG outputs has been  
30          delayed by one (1) month. CMOAHG outputs have now been scheduled for December  
31          2009 in Maui.

32          No actions requested from Plenary at this time.

33          The Chair noted that the issue of a potential interim Plenary conference call on 18 November  
34          2009 will be discussed at the Chair's meeting on Wednesday.

- 1 10. **OLD BUSINESS:** The following contributions were discussed:
- 2 • V&V comments for C.P0087-0 v1.5 E-UTRAN-cdma2000 Connectivity and  
3 Interworking: Air Interface Specification (C00-20091102-033) were presented from  
4 Hitachi. **ACTION: This contribution was remanded to WG2 for review and action**  
5 **as appropriate.**
  - 6 • V&V comments for C.P0087-0 v1.5 E-UTRAN-cdma2000 Connectivity and  
7 Interworking: Air Interface Specification (C00-20091102-035) were presented from  
8 Huawei. **ACTION: This contribution was remanded to WG2 for review and action**  
9 **as appropriate.**
  - 10 • The WP5D October 2009 Meeting Summary (C00-20091102-034) was presented from  
11 the ITU AdHoc Chair. **ACTION: This contribution was remanded to the ITU**  
12 **AdHoc for review and action as appropriate.**
  - 13 • A WI proposal regarding SMS Compression (C00-20091102-029R1) was presented from  
14 Kyocera, LGE, LG Telecom, and Samsung. **ACTION: This contribution was**  
15 **remanded to WG1 and WG4 for review and comment with comments and action to**  
16 **be coordinated by WG1.**
  - 17 • A WI proposal for HRPD Range Extension Supporting Documents (C00-20091102-039)  
18 was presented from Alcatel-Lucent, DBSD, Qualcomm, SkyTerra, and TerraStar.  
19 **ACTION: This contribution was remanded to WG1, WG2, and WG4 for review**  
20 **and comment with comments and action to be coordinated by WG1.**
- 21 11. **ITU PROCESS/APPROVAL:** No contributions or discussions.
- 22 12. **NEW BUSINESS:** The following contributions were discussed:
- 23 • 3GPP2 Air Interface Perspectives, TSG-C Structure & Activities (C00-20091102-031R2)  
24 was presented from the TSG-C Chair. **DECISION: This contribution was approved**  
25 **without objection to be forwarded to the 3GPP2 Workshop Planning Team to be**  
26 **loaded on the distribution memory stick pending final editorial changes by the**  
27 **Chair.**
- 28 The TSG will continue to review this document for final approval of the presentation  
29 version at closing Plenary. Comments received by NOON on Tuesday will be  
30 incorporated into the memory stick version. The TSG-C will be asked to approve the  
31 presentation version during the closing plenary.
- 32 • Proposal for 3GPP2 specification change to support SMS Compression (C00-20091102-  
33 030) was presented from LGE. **ACTION: This contribution was remanded to WG1**  
34 **and WG3 for review and action as appropriate. WG1 will be the lead for any**  
35 **specification development.**
  - 36 • Information regarding Work Item for Pico/Micro BS (C00-20091102-040R1) was  
37 presented from China Telecom. **ACTION: This contribution was remanded to**  
38 **WG1 and WG4 as FYI.**
- 39 This session was recessed on 2 November 2009 at 12:25 PM local time.



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### CLOSING PLENARY:

The meeting was reconvened on Thursday 5 November 2009 at 6:09 PM local time by TSG-C Chair, Ed Tiedemann (Qualcomm).

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

**DECISION: The Chair announced that an interim Plenary conference call has been scheduled for Thursday 19 November 2009 at 8:00 PM US east coast time. This meeting will focus on approval of HRPD Rev. C and other documents. A detailed agenda and call in info is forthcoming.**

### 13. WORKING GROUP REPORTS:

- **WG1 REPORT:** The WG1 report (C00-20091102-101) was presented by WG1 Chair, Doug Dunn (Kyocera), as FYI.
  - Documents Being Proposed for SC Level Review: NONE
  - Documents Being proposed for republication text: NONE
  - Documents Being Proposed for V&V: NONE
  - Documents Being Proposed for Baseline: NONE
  - Also progressed the development of the following:
    - C.S0049 Removable User Identity Module Conformance Testing for Spread Spectrum Systems
    - C.R1001 Administration of Parameter Value Assignments for cdma2000 Spread Spectrum Standards
  - WG1 reviewed the LGE UIM ID proposal and has received comments from WG2. Both WGs have expressed the same concern with the LGE proposal. The proposal incorrectly states that the use of an R-UIM ensures that the UIMID will be used rather than the ESN. This is not always true. The use of the UIMID or ESN is determined by the UIM\_ID usage indicator as defined in C.S0023. In order to ensure that the UIMID is always used, the UIM\_ID usage indicator would always need to be set to use the UIMID. There will be further discussion of the proposal. A correspondence to TSG-S will be drafted for the opening plenary of the December meeting. An informal description of the concern noted above was provided to the TSG-S WG1 Chair.
  - The work item worksheets for the micro and pico base stations were combined into a single WI worksheet since they describe slight modifications of the same feature. This will facilitate easier task tracking.
  - The following document/project numbers were assigned:

To Be Published As	Title
C.S0024-100-C v1.0	Overview for cdma2000® High Rate Packet Data Air Interface Specification

C.S0024-200-C v1.0	Physical Layer for cdma2000 High Rate Packet Data Air Interface Specification
C.S0024-300-C v1.0	Medium Access Layer for cdma2000® High Rate Packet Data Air Interface Specification
C.S0024-400-C v1.0	Connection and Security Layers for cdma2000® High Rate Packet Data Air Interface Specification
C.S0024-500-C v1.0	Application, Stream and Session Layers for cdma2000® High Rate Packet Data Air Interface Specification

**DECISION: The WI proposals identified in C00-20091102-101A were approved without objection:**

3GPP2 WI #	Title
TSGC-140	cdma2000 1x Rev E Bug Fixes
TSGC-141	CSIM Conformance Test Requirements
TSGC-142	HRPD-based air interface to allow range extension
TSGC-143	Minimum Performance Requirements for Micro and pico cdma2000 BS

**DECISION: Proposed correspondence to TSG-S PMT Coordinator regarding response to work plan questions (C00-20091102-109) was approved without objection for transmission with its attachment.**

**DECISION: Proposed correspondence to TSG-S regarding review of 3GPP2 Work Items (C00-20091102-110) was approved without objection for transmission.**

WG1 and WG2 have discussed the work effort for TSGC-141 CSIM Conformance Test Requirements and decided that WG1 will take the lead on this effort.

- **WG2 REPORT:** The WG2 report (C00-20091102-102R1) was presented by the WG2 Chair, Orlett Pearson (Alcatel-Lucent), as FYI.
  - Documents Being Proposed for publication: NONE
  - Documents Being Proposed for re-publication: NONE
  - Documents Requiring V&V Review: NONE
  - Documents proposed as baseline text: NONE
  - WG2 needs to know the status of the Adaptive FL Control Transmission proposal being discussed in WG3 for HRPD Revision C as soon as possible so that WG2 can handle any impacts.
  - The WG2 conference call schedule for the interim between now and the next meeting was noted as follows:

Group	Date	Time
WG2	November 18	7:00 – 8:00 PM Central
SWG1	November 11	7:00 – 9:30 PM Central
	November 12	6:00 – 7:00 PM Central
	November 17	6:00 – 7:00 PM Central
SWG2	November 12	7:00 – 9:00 PM Central
	November 17	7:00 – 9:00 PM Central
	December 1	7:00 – 9:00 PM Central

1           **DECISION: Proposed correspondence to TSG-A regarding Refusal of 1x Page**  
2           **Delivery (C00-20091102-113) was approved without objection for transmission.**

3           **DECISION: Document number request for C.S0063-B for cdma2000 High Rate**  
4           **Packet Data Supplemental Services (C00-20091102-114R1) was approved without**  
5           **objection and remanded to WG1 for review and action as appropriate.**

- 6           •   **WG3 REPORT:** The WG3 report (C00-20091103-103) was presented by WG3 Chair,  
7           Sang Kim (LGE), as FYI.

- 8           •   Documents Being Proposed for Publication: NONE

- 9           •   Documents Being Proposed for Re-Publication: NONE

- 10          •   Documents Being Proposed for V&V Review: NONE

- 11          •   Documents Being Proposed as Baseline Text: NONE

- 12          •   WG3 continues to review issues related to HRPD Enhancements. One (1)  
13          remaining component technology item remains open and needs to be discussed  
14          with SWG2.1.

- 15          •   WG3 continues to progress work on HRPD Rev. C physical layer and intends to  
16          approve baseline text via conference call for submission to the planned interim  
17          plenary on 19 November 2009.

- 18          •   The WG3 interim conference call schedule was noted as follows:

- 19            •   11 November 2009   8:30 AM to 9:30 AM (PST)

- 20            •   18 November 2009   9:00 AM to 11:00 AM (PST)

21           No actions were requested from Plenary at this time.

- 22          •   **WG4 REPORT:** The WG4 report (C00-20091102-104) was presented by Raj Khanna  
23          (Rohde and Schwarz), as FYI.

- 24          •   Documents Being Proposed for SC Level Review: NONE

- 25          •   Documents Being Proposed for V&V Review: NONE

- 26          •   Document Proposed as Baseline Text: NONE

- 27          •   Work continues on updates to C.S0010, C.S0011, C.S0032, and C.S0033 to add  
28          new band class and support Rev E.

- 29          •   Several contributions have been received on MPS for femtocells.

- 30          •   Work has also started on specifications for Mobile Stations that can support  
31          simultaneous transmission of 1x and HRPD (SVDO).

32           No actions were requested from Plenary at this time.

- 1           •     **ITU ADHOC REPORT:** The ITU AdHoc Report (C00-20091102-105) was presented  
2 by ITU AdHoc Chair, Yoshinori Ishikawa (Hitachi), as FYI.
- 3           •     For the task of “Update M.1457 to revision 10”, the AdHoc agreed to submit the  
4 contribution on “current work relevant to future updates of Recommendation  
5 ITU-R M.1457” to next WP5D meeting. The group will draft it in either the  
6 December 2009 or January 2010 meeting.
- 7           •     The AdHoc re-activated the task of “Update M.1580/1581 to revision 4” and  
8 requests WG4 to consider the modification proposals to those documents. Target  
9 date for this task is June/‘2010 WP5D meeting.
- 10          •     In reviewing plenary contribution C00-20091102-026, the AdHoc found one  
11 TSG-C specification is listed in the ITU-T’s roadmap table. The AdHoc  
12 requested WG1 to check and make comments for it. If any modification required,  
13 the group will draft a correspondence to TSG-X to notify it in next meeting.

14 No actions were requested from Plenary at this time.

- 15          •     **TSG-C MANAGEMENT OBJECT ADHOC (CMOAHG) REPORT:** The  
16 CMOAHG Report (C00-20091102-106) was presented by the CMOAHG Chair, Peerapol  
17 Tinnakornsrisuphap (Qualcomm), as FYI.
- 18          •     Much of the recent work has been discussing a proposal related to dual pilots.  
19 This discussion continues.

20 No actions required from Plenary at this time.

#### 21 **14. LIAISON REPORTS:**

- 22          •     **OP:** No contributions or discussions.
- 23          •     **SC:** No contributions or discussions.
- 24          •     **3GPP2 SECRETARIAT:** No contributions or discussions.
- 25          •     **TSG-A:** Correspondence to TSG-X dated 5 November 2009 regarding New A12  
26 RADIUS Attribute Definition (C00-20091102-126) was presented from TSG-A as FYI  
27 for TSG-C.
- 28          •     **TSG-S:** The following contributions were discussed:
- 29               •     The TSG-S Liaison Report for September 2009 (C00-20091102-115) was  
30 presented from the TSG-S Liaison as FYI for TSG-C.
- 31               •     Correspondence to all TSGs dated 5 November 2009 regarding Joint TSG  
32 Meeting in Maui on ESN Reclamation for Assignment as R-UIM IDs (C00-  
33 20091102-116) was presented from TSG-S. **ACTION: This contribution was**  
34 **remanded to WG1 and WG2 as FYI.**
- 35               •     Correspondence to TR45 dated 5 November 2009 regarding V&V Review of  
36 S.P0028 (C00-20091102-117) was presented from TSG-S as FYI for TSG-C.

- 1                   •       Correspondence to all TSGs dated 5 November 2009 regarding lunchtime review  
2 session for SC.P1005-A 3GPP2 Drafting Rules on Tuesday 8 December 2009  
3 (C00-20091102-118) was presented from TSG-S. **ACTION: This contribution**  
4 **was remanded to all WGs review and comment with comments to be**  
5 **coordinated by WG1.**
- 6                   •       Correspondence to all TSGs dated 5 November 2009 regarding TSG comment  
7 resolution sessions for SC.P2005-003-0 System Release 5 Standardized Features  
8 and Services (C00-20091102-119) was presented from TSG-S. **ACTION: This**  
9 **contribution was remanded to all WGs for review and comment with**  
10 **comments to be coordinated by WG1.**
- 11                  •       Correspondence to NGMN dated 5 November 2009 regarding Security Gap  
12 Analysis Reply (C00-20091102-120) was presented from TSG-S as FYI for  
13 TSG-C.
- 14                  •       Correspondence to TIA TR-45 AHAG dated 5 November 2009 regarding  
15 extended V&V review of S.P0132-0 v0.10 Femtocell Security Framework (C00-  
16 20091102-121) was presented from TSG-S as FYI for TSG-C.
- 17                  •       Correspondence to Femto Forum dated 5 November 2009 regarding comments on  
18 3GPP2 Vision document (C00-20091102-122) was presented from TSG-S as FYI  
19 for TSG-C.
- 20                  •       **TSG-X:** Correspondence dated 5 November 2009 regarding Femto Management Object  
21 Workplan Revisions (C00-20091102-123) was presented from TSG-X. **ACTION: This**  
22 **contribution was remanded to the CMOAHG for review and action as appropriate.**
- 23                  •       **TIA:** No contributions or discussions.
- 24                  •       **ITU:** No contributions or discussions.
- 25                  •       **CDG:** No contributions or discussions.
- 26                  •       **3GPP:** No contributions or discussions.
- 27                  •       **OMA:** No contributions or discussions.
- 28                  •       **OTHER:** The following contributions were discussed:
- 29                    •       E-mail correspondence to multiple recipients dated 3 November 2009 regarding  
30 Request to complete of the PAP#2 Wireless Characterization Matrix for Smart  
31 Grid Applications (C00-20091102-107) was presented from IEEE 802.11.  
32 **ACTION: This contribution was remanded to all WGs for review and action**  
33 **with comments to be coordinated by WG3.**
- 34                    •       LS dated October 2009 regarding MMT (Modern Media Transport) (C00-  
35 20091102-124) was presented from ISO/IEC JTC1/SC29/WG11. **ACTION:**  
36 **This contribution was remanded to WG1 for review and action as**  
37 **appropriate.**

- LS dated October 2009 regarding Advanced IPTV Terminal (AIT) (C00-20091102-125) was presented from ISO/IEC JTC1/SC29/WG11. **ACTION: This contribution was remanded to WG1 for review and action as appropriate.**

15. **OLD BUSINESS (continued):**

- A Proposed WI for 1x Rev. E Features Guidelines (C00-20091102-108) was presented from KDDI, Qualcomm, Hitachi, Nortel Networks, Motorola, Samsung, US Cellular, and ZTE. **ACTION: This contribution was remanded to WG1 for review and action as appropriate and to WG2 and WG3 for review and comment with comments to be coordinated by WG1.**
- An update to the 3GPP2 Air Interface Perspectives, TSG-C Structure & Activities presentation (C00-20091102-031R6) was presented from the TSG-C Chair. **DECISION: This contribution was approved without objection to be submitted to the 3GPP2 Workshop.**

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

17. **FUTURE MEETING SCHEDULE:**

19 November 2009	Interim TSG-C Plenary Conference Call – 8:00 PM US east coast time
7-11 December 2009	Grand Wailea Hotel in Maui, HI, USA
25-29 January 2010	Grand Hyatt Erawan, Bangkok in Bangkok, Thailand
1-5 March 2010	Denver, CO, USA

18. **OPEN DISCUSSION AND OTHER BUSINESS:** The Chair noted the following:

- The Chair noted that year end festivities are under consideration for the Maui. Details will be announced.

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

090511-003 Regarding the solicitation of a volunteer to serve as the TSG-C document reviewer to review primary requirements for document format and consistency with TIA transposition requirements, WG1 recommends that the review be done by the WG Chair, or an individual appointed by the WG Chair, of the WG that is the source of the document. It is also recommended that check lists be adopted for use for the V&V and publication stages. WG Chairs were requested to consider the WG1 recommendation related to document review and be prepared to discuss at the November 2009 meeting.

090921-001 Correspondence to all TSGs dated 2 September 2009 regarding UIM\_ID proposal request (C00-20090921-022) from TIA TR45 was remanded to WG1 and WG2 for review and comment with the TSG-C response to be coordinated by WG1 no later than the November 2009 meeting for incorporation into a 3GPP2 response by TSG-S.

090921-005 The WG Chairs have also been requested to provide input on what business may be considered by TSG-C through 2010.

- 1 20. **ADJOURNMENT:** The Plenary was adjourned on 5 November 2009 at 8:06 PM local time.
- 2

NUMBER	SUBJECT	SOURCE	ACTION
<b>OPENING PLENARY – C00-20091102-</b>			
000	DOCUMENT REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVED
002	TSG-C Meeting Summary - September 2009 – Hollywood, CA, USA	SECRETARY	APPROVED
003	TSG-C Meeting Summary – 21 October 2009 – Interim Plenary Conference Call	SECRETARY	APPROVED
004	TSG-S Document Status Table – September 2009	TSG-S	ALL WG <sub>s</sub>
005	Correspondence to all TSGs dated 24 September 2009 regarding Work Item Worksheets for Review	TSG-S	<b>WG1</b> ALL WG <sub>s</sub>
006	Correspondence dated 24 September 2009 regarding Refusal of a 1x Page Delivery	TSG-A	WG2
007	Correspondence to TSG-S dated 25 September 2009 regarding Review Items	TSG-X	WG1
008	E-mail correspondences regarding SC level review and approval for republication of C.S0001-E through C.S0005-E cdma2000 1x Air Interface	3GPP2 SECRETARIAT	FYI
009	E-mail correspondences regarding SC level review and approval for publication of C.S0024-B HRPD Air Interface	3GPP2 SECRETARIAT	FYI
010	E-mail correspondences regarding SC level review and approval for republication of C.R0022-B v1.0 Position Determination Service for cdma2000 Spread Spectrum Systems Software Distribution	3GPP2 SECRETARIAT	FYI
011	E-mail correspondences regarding SC level review and approval for publication of C.S0057-D v1.0 Band Class Specification for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI



NUMBER	SUBJECT	SOURCE	ACTION
012	E-mail correspondence dated 29 September 2009 regarding V&V release for C.P0036-0 v1.9 Recommended Minimum Performance Specification for Mobile Stations with Position Service	3GPP2 SECRETARIAT	FYI
013	E-mail correspondence dated 29 September 2009 regarding V&V release for C.P1002-B v0.2 cdma2000 Evaluation Methodology	3GPP2 SECRETARIAT	FYI
014	E-mail correspondence dated 23 October 2009 regarding V&V release for C.S0018-D v0.9 - Minimum Performance Specification for the Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, and 73 for Wideband Spread Spectrum Digital Systems and C.R0018-D v0.9 - Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, and 73, Minimum Performance Specification	3GPP2 SECRETARIAT	FYI
015	E-mail correspondence dated 23 October 2009 regarding V&V release for C.P0065-B v0.3 cdma2000 Application on UICC for Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI
016	E-mail correspondence dated 23 October 2009 regarding V&V release for C.P0074-A v0.0 UICC-Terminal interface Physical and Logical Characteristics for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI
017	E-mail correspondence dated 29 September 2009 regarding V&V release for C.P0087-0 v1.5 - E-UTRAN – cdma2000 Connectivity and Interworking: Air Interface Specification	3GPP2 SECRETARIAT	FYI
018	E-mail correspondence dated 23 October 2009 regarding V&V release for C.P0095-0 v0.9 Signaling Test Specification for EUTRAN-cdma2000 Connectivity and Interworking	3GPP2 SECRETARIAT	FYI
019	E-mail correspondence dated 23 October 2009 regarding extended V&V release for C.P0014-D – Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, and 73 Specification	3GPP2 SECRETARIAT	FYI

NUMBER	SUBJECT	SOURCE	ACTION
020	E-mail correspondence dated 23 October 2009 regarding extended V&V release for C.P0016-D v0.91 Over-the-Air Service Provisioning of Mobile Stations in Spread Spectrum Standards	3GPP2 SECRETARIAT	FYI
021	E-mail correspondences regarding SC level review and approval for 3GPP2 presentation to CDG America's Regional Conference	3GPP2 SECRETARIAT	FYI
022	E-mail correspondence dated 15 October 2009 regarding JEM 01 Liaison with Summary and Action Report	3GPP2 SECRETARIAT	FYI
023	TIA Legal comments regarding C.S0038-B v1.0 Signaling Conformance Specification for High Rate Packet Data Air Interface	TIA TR45.5	WG4
024	TIA Legal comments regarding C.S0085-A v1.0 VoIP Codecs and Protocols	TIA TR45.5	WG1, WG2
025	LS dated 16 October 2009 regarding Reply LS on Round-Trip-Delay information between eNB and the UE	3GPP CT4	WG2
026	LS to 3GPP and 3GPP2 dated 12 September 2009 regarding LS to mobility coordination for NGN	ITU-T SG 13	ITU ADHOC
027	LS to 3GPP2 dated 12 September 2009 regarding Request for information on Recommendation Q.1742.8	ITU-T SG 13	ITU ADHOC
028	LS to ITU-T SG12 regarding Response to Draft ITU-T Recommendation on Requirements for Land Mobile Alerting Broadcast Capabilities for Civic Purposes	ATIS	FYI
029	Work Item Proposal for SMS Compression	LGE, LG TELECOM, AND SAMSUNG	WG1
030	Proposal for 3GPP2 specification change to support SMS Compression	LGE	WG1
031	3GPP2 Air Interface Perspectives, TSG-C Structure & Activities	TSG-C CHAIR	APPROVED R6

NUMBER	SUBJECT	SOURCE	ACTION
032	C.P0014-D v1.9 Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, and 73 for Wideband Spread Spectrum Digital Systems proposed V&V text	WG1	APPROVED
033	V&V comments for C.P0087-0 v1.5 E-UTRAN-cdma2000 Connectivity and Interworking: Air Interface Specification	HITACHI	WG2
034	WP5D October 2009 Meeting Summary	ITU ADHOC CHAIR	ITU ADHOC
035	V&V comments regarding C.P0087 v1.5 E-UTRAN - HRPD and cdma2000 1x Connectivity and Inter-working Air Interface Specification	HUAWEI	WG2
036	3GPP2 Workplan files – November 2009	3GPP2 SECRETARIAT	<b>WG1</b> ALL WGs
037	TIA ballot comments regarding C.S0087-0 E-UTRAN - HRPD and cdma2000 1x Connectivity and Inter-working Air Interface Specification	TIA TR45.5	WG2
038	TIA ballot comments regarding C.S0036-0 Recommended Minimum Performance Standard for Mobile Stations with Position Service	TIA TR45.5	WG4
039	WI proposal for HRPD Range Extension Supporting Documents	ALCATEL-LUCENT, DSDB, QUALCOMM, SKYTERRA, AND TERRASTAR	<b>WG1</b> WG1, WG2, WG4
040	Information regarding Work Item for Pico/Micro BS	CHINA TELECOM	WG1, WG4
<b>CLOSING PLENARY – C00-20091102-</b>			
101	WG1 Report	WG1	FYI, -A APPROVED
102	WG2 Report	WG2	FYI

NUMBER	SUBJECT	SOURCE	ACTION
103	WG3 Report	WG3	FYI
104	WG4 Report	WG4	FYI
105	ITU AdHoc Report	ITU ADHOC	FYI
106	CMOAHG Report	CMOAHG	FYI
107	E-mail correspondence to multiple recipients dated 3 November 2009 regarding Request to complete of the PAP#2 Wireless Characterization Matrix for Smart Grid Applications	IEEE 802.11	<b>WG3</b> ALL WGs
108	Proposed WI for 1x Rev. E Features Guidelines	KDDI, QUALCOMM, KYOCERA, HITACHI, NORTEL NETWORKS, MOTOROLA, SAMSUNG, US CELLULAR, AND ZTE	<b>WG1</b> WG1, WG2, WG3
109	Proposed correspondence to TSG-S PMT Coordinator regarding response to work plan questions	WG1	APPROVED
110	Proposed correspondence to TSG-S regarding review of 3GPP2 Work Items	WG1	APPROVED
111	WITHDRAWN		
112	WITHDRAWN		
113	Proposed correspondence to TSG-A regarding Refusal of 1x Page Delivery	WG2	APPROVED
114	Document number request for C.S0063-A for cdma2000 High Rate Packet Data Supplemental Services	WG2	APPROVED R1
115	TSG-S Liaison Report – November 2009 – Mumbai	TSG-S LIAISON	FYI

<b>NUMBER</b>	<b>SUBJECT</b>	<b>SOURCE</b>	<b>ACTION</b>
116	Correspondence to all TSGs dated 5 November 2009 regarding Joint TSG Meeting in Maui on ESN Reclamation for Assignment as R-UIM IDs	TSG-S	<b>WG1</b> WG1, WG2
117	Correspondence to TR45 dated 5 November 2009 regarding V&V Review of S.P0028	TSG-S	FYI
118	Correspondence to all TSGs dated 5 November 2009 regarding lunchtime review session for SC.P1005-A 3GPP2 Drafting Rules on Tuesday 8 December 2009	TSG-S	<b>WG1</b> ALL WG <sub>s</sub>
119	Correspondence to all TSGs dated 5 November 2009 regarding TSG comment resolution sessions for SC.P2005-003-0 System Release 5 Standardized Features and Services	TSG-S	<b>WG1</b> ALL WG <sub>s</sub>
120	Correspondence to NGMN dated 5 November 2009 regarding Security Gap Analysis Reply	TSG-S	FYI
121	Correspondence to TIA TR-45 AHAG dated 5 November 2009 regarding extended V&V review of S.P0132-0 v0.10 Femtocell Security Framework	TSG-S	FYI
122	Correspondence to Femto Forum dated 5 November 2009 regarding comments on 3GPP2 Vision document	TSG-S	FYI
123	Correspondence dated 5 November 2009 regarding Femto Management Object Workplan Revisions	TSG-X	CMOAHG
124	LS dated October 2009 regarding MMT (Modern Media Transport)	ISO/IEC JTC1/SC29/WG11	WG1
125	LS dated October 2009 regarding Advanced IPTV Terminal (AIT)	ISO/IEC JTC1/SC29/WG11	WG1
126	Correspondence to TSG-X dated 5 November 2009 regarding New A12 RADIUS Attribute Definition	TSG-A	WG2

3GPP2 QUORUM ROLL CALL TSG-C (cdma2000 Air Interface) Mumbai, India 5-Nov-09							
INDIVIDUAL MEMBER COMPANY	Attendance	Attendance	Consec Mtgs Missed	Voting Status	Quorum Status	Voting Status	Quorum Status
	11/2/2009	11/5/2009	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			3	1	1	0	0
ALCATEL-LUCENT	1		0	1	1	1	1
CHINA TELECOM			3	1	1	0	0
DBSD			2	0	0	0	0
ERICSSON	1		0	1	1	1	1
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	0	0	1	0
MOTOROLA	1		0	1	1	1	1
NEC		1	0	1	1	1	1
NORTEL NETWORKS	1		0	1	1	1	1
QUALCOMM	1		0	1	1	1	1
RESEARCH IN MOTION	1		0	1	1	1	1
RITCOE	1		0	0	0	0	0
RITT			3	0	0	0	0
ROHDE & SCHWARZ	1		0	1	1	1	1
SAMSUNG			2	1	1	1	1
SIERRA WIRELESS			1	1	1	1	1
SK TELECOM			3	0	0	0	0
SKYTERRA			2	1	1	1	1
SPIRENT COMMUNICATIONS			1	1	1	1	1
SPRINT/NEXTEL	1		0	1	1	1	1
US CELLULAR			3	0	0	0	0
VERIZON WIRELESS			1	1	1	1	1
VIA TELECOM	1		0	1	1	1	1
ZTE	1		0	1	1	1	1
<b>TOTAL APPLICABLE TO QUORUM</b>	<b>15</b>	<b>1</b>		<b>25</b>	<b>25</b>	<b>24</b>	<b>23</b>
<b>QUORUM CALCULATION</b>	<b>60%</b>	<b>4%</b>					
<b>ADDITIONS</b>							
<b>GUESTS 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.