

1 **Title:**

2 **APPROVED SUMMARY OF TSG-C MEETING**
3 **for 15-19 October in Sapporo, Japan**

4 **Source:**

5
6 Clifton J. Barber
7 TSG-C SECRETARY

8
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16 **Abstract:**

17 This document is a summary of the 3GPP2 TSG-C meetings that were held during the period of
18 15-19 October 2012 in Sapporo, Japan.

19 **Recommendations:**

20 For review and approval.
21
22

1 During the period of 15-19 October 2012, 3GPP2 TSG-C meetings were held at the Sheraton Sapporo
2 Hotel in Sapporo, Japan. This document is intended to summarize those proceedings.

3

4 **OPENING PLENARY**

5 **1. CALL TO ORDER AND OPENING REMARKS:** The meeting was called to order on
6 Monday 15 October 2012 at 9:46 AM local time by TSG-C Chair, Ed Tiedemann (Qualcomm).

7 The Chair welcomed everyone to Sapporo.

8 The Chair also noted the following:

- 9 • Clif Barber is continuing to serve as TSG-C Secretary under the auspices of 3GPP2 and
10 not KDDI.
- 11 • The Qualcomm e-mail address domain name has been changed from “@qualcomm.com”
12 to “@qti.qualcomm.com”.

13 The Chair requested all participants to sign into the electronic roster on the 3GPP2 server at
14 <http://tsgc.3gpp2.net>.

15 **2. ATTENDANCE REGISTRATION AND ROLL CALL:** A roll call of companies indicated
16 that 14 companies included on the list of 12 active quorum members were present (82%
17 participation). Thus, meeting quorum was achieved.

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

19 **3. INTRODUCTION AND NUMBERING OF CONTRIBUTIONS:** Contributions were loaded
20 onto the 3GPP2 LAN server and listed in the document register (C00-20121015-000R3).

21 **4. AGENDA APPROVAL:** The proposed agenda (C00-20121015-001R3) was presented.

22 The Chair noted the following additional activities this week:

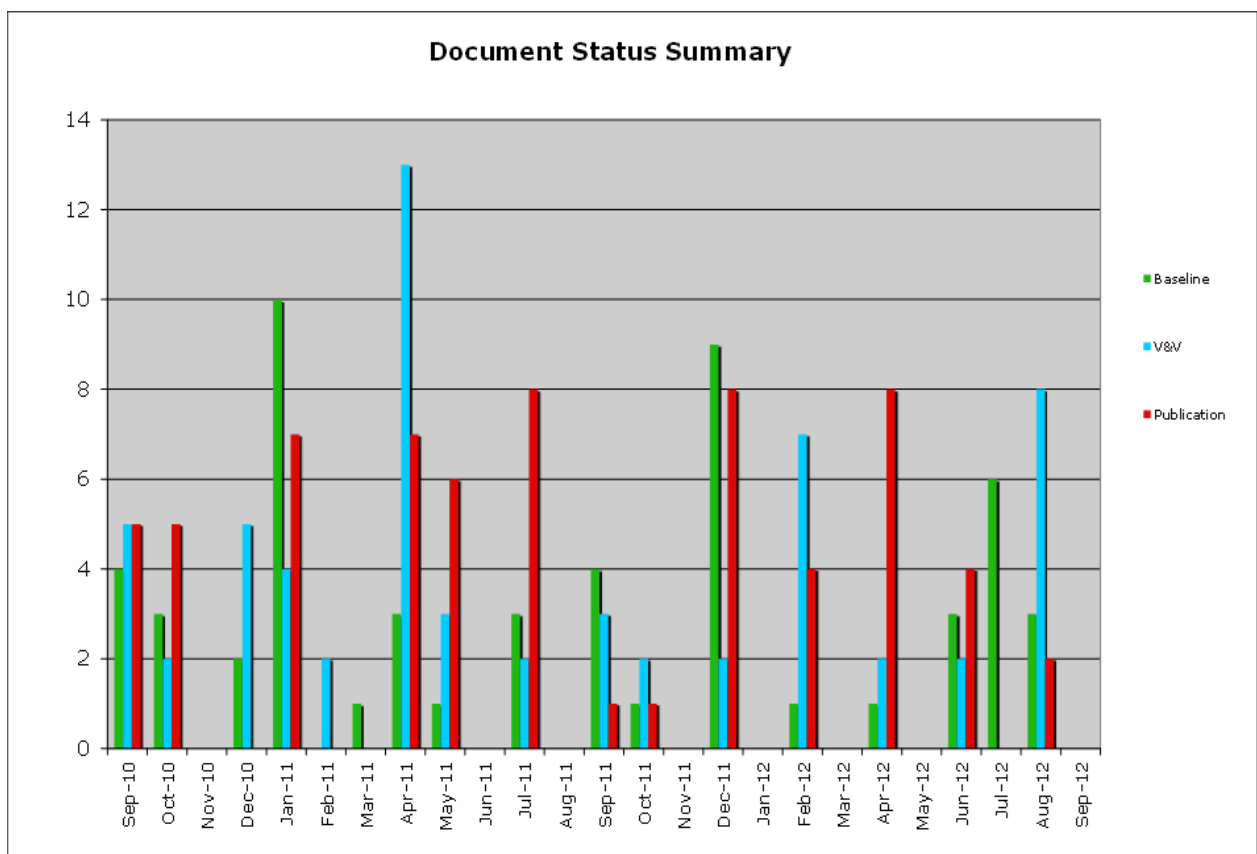
- 23 • WG1 will start on Monday 15 October 2012 at 3:30 PM local time.
- 24 • WG2 will start on Monday 15 October 2012 at 3:00 PM local time.
- 25 • WG3 will start on Tuesday 16 October 2012 at 9:00 AM local time. WG3 will cover ITU
26 activities on Tuesday at 10:30 AM in the WG3 meeting room.
- 27 • On Tuesday 16 October 2012 during the 11:30 AM–12:30 PM time slot, WG2 will meet
28 with TSG-S WG1 regarding S.P0151-0 EUTRAN-eHRPD Interworking Matrix
29 Technical Report in the WG2 meeting room.
- 30 • On Tuesday 16 October 2012 during the 5:00–6:30 PM time slot, a meeting of the SC
31 Workshop Planning AdHoc will be held in the TSG-C WG2 meeting room.

- 1 • The TSG-C Chair’s meeting will be held on Wednesday 17 October 2012 at 7:30 AM in
- 2 the TSG-C WG1 meeting room.
- 3 • On Wednesday 17 October 2012 during the 6:30–8:30 PM time slot, the 3GPP2 Team
- 4 building event will be held in the Casa Bianca (31F in Sheraton Sapporo Hotel).
- 5 • The TSG-C/TR45.5 closing Plenaries will be held on Friday 19 October 2012 starting at
- 6 8:30 AM.

7 **DECISION: The agenda was approved without objection as submitted (C00-20121015-**

8 **001R3).**

9 The Chair noted the following progress regarding the processing of TSG-C documents:



10

11 **5. ASSIGNMENTS OF CONTRIBUTIONS TO AGENDA ITEMS:** Contributions were

12 assigned to agenda items as noted on the agenda.

13 **6. APPROVAL OF PREVIOUS MEETING SUMMARY:** The summary of the TSG-C meeting

14 for August 2012 that was held in Seattle, WA, USA (C00-20121015-002) was presented.

15 **DECISION: This meeting summary was approved without objection as submitted (C00-**

16 **20121015-002).**

1 **7. REVIEW OF OUTSTANDING ACTIONS FROM PREVIOUS MEETING:** The action
2 items from the August 2012 face-to-face meeting were noted as follows:

3 120416-02 A call for volunteers has been issued for persons who are interested in serving as
4 the TSG-C WG1 Vice-Chair.

5 This action was noted as still OPEN.

6 120806-01 WG1 will prepare a correspondence to CDG advising them of the TSG-C intent to
7 cease work on R-UIM feature development. This document will be available for
8 consideration at the Sapporo meeting.

9 This action was noted as still OPEN.

10 **8. LIAISON REPORTS:**

11 • **OP:** No contributions or discussion.

12 • **SC:** No contributions or discussion.

13 • **3GPP2 SECRETARIAT:** The following contributions were discussed:

14 • E-mail correspondences regarding SC level review and approval of C.S0035-A
15 v3.0 CDMA Card Application Toolkit (CCAT) (C00-20121015-010) was
16 presented from the 3GPP2 Secretariat as FYI for TSG-C.

17 • E-mail correspondences regarding SC level review and approval of C.S0044-C
18 v1.0 Interoperability Specification for cdma2000 Air Interface (C00-20121015-
19 011) was presented from the 3GPP2 Secretariat as FYI for TSG-C.

20 • E-mail correspondence dated 13 August 2012 regarding V&V review for
21 cdma2000 1x Air Interface Rev. F (C.P0001-F through C.P0005-F) (C00-
22 20121015-012) was presented from the 3GPP2 Secretariat as FYI for TSG-C.

23 • E-mail correspondence dated 13 August 2012 regarding V&V review for
24 C.P0015-C v0.3 Short Message Service (SMS) For Wideband Spread Spectrum
25 Systems (C00-20121015-013) was presented from the 3GPP2 Secretariat as FYI
26 for TSG-C.

27 • E-mail correspondence dated 14 August 2012 regarding V&V review for
28 C.P0017-010-0 v3.0 Data Service Options for Spread Spectrum Systems: Radio
29 Link Protocol Type 3 (C00-20121015-014) was presented from the 3GPP2
30 Secretariat as FYI for TSG-C.

31 • E-mail correspondence dated 13 August 2012 regarding V&V review for
32 C.P0097-0 v3.0 E-UTRAN – cdma2000 1x Connectivity and Interworking Air
33 Interface Specification (C00-20121015-015) was presented from the 3GPP2
34 Secretariat as FYI for TSG-C.

- 1 • E-mail correspondence dated 14 September 2012 regarding extension of V&V
2 review for C.P0003-F v0.2 - Medium Access Control (MAC) Standard for
3 cdma2000 Spread Spectrum Systems (C00-20121015-016) was presented from
4 the 3GPP2 Secretariat as FYI for TSG-C.
- 5 • E-mail correspondence dated 13 September 2012 regarding extension of V&V
6 review for C.P0015-C v0.3 - Short Message Service (SMS) For Wideband Spread
7 Spectrum Systems (C00-20121015-017) was presented from the 3GPP2
8 Secretariat as FYI for TSG-C.
- 9 • E-mail correspondence dated 14 September 2012 regarding extension of V&V
10 review for C.P0097-0 v3.0 - E-UTRAN – cdma2000 1x Connectivity and
11 Interworking Air Interface Specification (C00-20121015-018) was presented from
12 the 3GPP2 Secretariat as FYI for TSG-C.
- 13 • E-mail correspondence to 3GPP2 OPs dated 13 August 2012 regarding reminder
14 for SDO actions related to M.1457-11 (C00-20121015-019) was presented from
15 the 3GPP2 Secretariat as FYI for TSG-C.
- 16 • E-mail correspondence to 3GPP2 OPs dated 29 August 2012 regarding updated
17 cdma2000 Workshop Press Release (C00-20121015-020) was presented from the
18 3GPP2 Secretariat as FYI for TSG-C.
- 19 • E-mail correspondence to Guangzhou Workshop participants regarding Follow-
20 Up to "cdma2000 Technology Workshop" in Guangzhou (C00-20121015-021)
21 was presented from the 3GPP2 Secretariat as FYI for TSG-C.
- 22 • 3GPP2 Workplan files – October 2012 (C00-20121015-039) were presented from
23 the 3GPP2 Secretariat as FYI for TSG-C. **ACTION: This contribution was**
24 **remanded to all WGs for review and comment with comments to be**
25 **coordinated by WG1.**
- 26 • **TSG-A:** No contributions or discussion.
- 27 • **TSG-S:** The following contributions were discussed:
- 28 • The TSG-S Document Status Table for August 2012 (C00-20121015-005) was
29 presented from TSG-S as FYI for TSG-C.
- 30 • Correspondence to all TSGs dated 11 September 2012 regarding Release of WI(s)
31 for TSG Review (C00-20121015-038) was presented from TSG-S. **ACTION:**
32 **This contribution was remanded to all WGs for review and comment with**
33 **comments to be coordinated by WG1.**
- 34 • **TSG-X:** The following contributions were discussed:
- 35 • Correspondence to TSG-S dated 10 August 2012 regarding review comments
36 (C00-20121015-006) was presented from TSG-X. **ACTION: This contribution**
37 **was remanded to WG1 as FYI.**

- 1 • Correspondence to TSG-S dated 10 August 2012 regarding new WI proposal
2 (C00-20121015-007) was presented from TSG-X. **ACTION: This contribution**
3 **was remanded to WG1 as FYI.**
- 4 • Liaison to ITU-T SG2 dated 10 August 2012 regarding ITU-T SG2
5 Correspondence COM 2-LS129, Assignment of 3-digit MNCs (C00-20121015-
6 008) was presented from TSG-X as FYI for TSG-C.
- 7 • Correspondence to SC Workshop Planning AdHoc dated 10 August 2012
8 regarding new TSG-X review of initial draft of Guangzhou workshop summary
9 (C00-20121015-009) was presented from TSG-X as FYI for TSG-C.
- 10 • **TIA:** The following contributions were discussed:
- 11 • ITU-T SG11 LS dated 6 September 2012 regarding response LS to draft revised
12 Supplement TRQ.ETS-overview (Supp.62) (C00-20121015-022) was presented
13 from TIA TR45.5 as FYI for TSG-C.
- 14 • TIA Legal comments regarding C.S0044-C v1.0 Interoperability Test
15 Specification for cdma2000 Air Interface (C00-20121015-023) was presented
16 from TIA TR45.5. **ACTION: This contribution was remanded to WG4 for**
17 **review and action as appropriate.**
- 18 • TIA ballot summary for C.S0001-F v1.0 Introduction to cdma2000 Spread
19 Spectrum Systems (C00-20121015-024) was presented from TIA TR45.5.
20 **ACTION: This contribution was remanded to WG2 for review and action as**
21 **appropriate.**
- 22 • TIA ballot summary for C.S0002-F v1.0 Physical Layer Standard for cdma2000
23 Spread Spectrum Systems (C00-20121015-025) was presented from TIA TR45.5.
24 **ACTION: This contribution was remanded to WG3 for review and action as**
25 **appropriate.**
- 26 • TIA ballot summary for C.S0003-F v1.0 Medium Access Control (MAC)
27 Standard for cdma2000 Spread Spectrum Systems (C00-20121015-047) was
28 presented from TIA TR45.5. **ACTION: This contribution was remanded to**
29 **WG2 for review and action as appropriate.**
- 30 • TIA ballot summary for C.S0004-F v1.0 Signaling Link Access Control (LAC)
31 Standard for cdma2000 Spread Spectrum Systems (C00-20121015-026) was
32 presented from TIA TR45.5. **ACTION: This contribution was remanded to**
33 **WG2 for review and action as appropriate.**
- 34 • TIA ballot summary for C.S0005-F v1.0 Upper Layer (Layer 3) Signaling
35 Standard for cdma2000 Spread Spectrum Systems (C00-20121015-027) was
36 presented from TIA TR45.5. **ACTION: This contribution was remanded to**
37 **WG2 for review and action as appropriate.**

- 1 • TIA ballot summary for C.S0097-0 v3.0 .E-UTRAN – cdma2000 1x Connectivity
2 and Interworking Air Interface Specification (C00-20121015-036) was presented
3 from TIA TR45.5. **ACTION: This contribution was remanded to WG2 for**
4 **review and action as appropriate.**
- 5 • TIA ballot comments for C.P0015-C v0.3 Short Message Service (SMS) For
6 Wideband Spread Spectrum Systems – Revision D (C00-20121015-046) was
7 presented from TIA TR45.5. **ACTION: This contribution was remanded to**
8 **WG1 for review and action as appropriate.**
- 9 • E-mail correspondence dated 28 September 2012 regarding NIST Smart Grid
10 Document Review (C00-20121015-028) was presented from TIA TR45.5.
11 **ACTION: This contribution was remanded to WG3 for review and action as**
12 **appropriate.**
- 13 • Summary of ITU-R WP5D meeting (C00-20121015-045) was presented from
14 TIA TR45.5. **ACTION: This contribution was remanded to WG3 as FYI.**
- 15 • **ITU:** An LS to TSG-X dated 6 September 2012 regarding draft revised Supplement
16 TRQ.ETS-overview (Supp.62) (C00-20121015-032) was presented from ITU-T SG11.
17 **ACTION: This contribution was remanded to WG3 as FYI.**
- 18 • **CDG:** No contributions or discussion.
- 19 • **OMA:** No contributions or discussion.
- 20 • **3GPP/ETSI:** The following contributions were discussed:
- 21 • An LS to TSG-A dated 10 August 2012 regarding Improvements to S102
22 Information Element (C00-20121015-029) was presented from 3GPP CT4.
23 **ACTION: This contribution was remanded to WG2 for review and action as**
24 **appropriate.**
- 25 • An LS dated 23 August 2012 regarding enhancements to the security of the SMS
26 OTA download mechanisms (C00-20121015-030) was presented from 3GPP CT6.
27 **ACTION: This contribution was remanded to WG1 for review and**
28 **comment in addition to review of native 3GPP2 SMS usage.**
- 29 • An LS dated 17 August 2012 regarding Handover Delay Requirement from
30 E-UTRAN to cdma2000 1x (C00-20121015-031) was presented from 3GPP CT6.
31 **ACTION: This contribution was remanded to WG2 for review and**
32 **comment as appropriate.**
- 33 • **OTHER:** The following contributions were discussed:
- 34 • LS dated 31 August 2012 regarding Service Innovation and Market Requirements
35 (SIMR) WG (C00-20121015-033) was presented from the Broadband Forum as
36 FYI for TSG-C.

- E-mail correspondences regarding meeting amongst SDO Representatives during ITU-R WP 5D October Meeting #14 in California (C00-20121015-035) was presented from various SDOs. **ACTION: This contribution was remanded to WG3 as FYI.**

9. WORKING GROUP REPORTS:

- **WG1 REPORT:** A verbal report regarding WG1 activities, including their plans for the week, was presented by WG1 Chair, Doug Dunn (Kyocera), as FYI.
 - TSG-C Document Log (C00-20121015-003) was noted as FYI for TSG-C.
 - TSG-C Work Item Review Status Log (C00-20121015-004) will be posted later this week.
 - **DECISION: C.P0107-0 v0.4 cdma2000 Application (CSIM) Conformance Testing for Spread Spectrum Systems (C00-20121015-041) was approved without objection as baseline text and remanded back to WG1 for R&F.**
- **WG2 REPORT:** A verbal report of WG2 activities and their plans for this week was presented by WG2 Chair, Orlett Pearson (Alcatel-Lucent), as FYI.

No actions were requested from the Plenary at this time.
- **WG3 REPORT:** A verbal report of WG3 activities and their plans for this week was presented by the WG3 Chair, Sang Kim (LGE), as FYI.

No actions were requested from the Plenary at this time.
- **WG4 REPORT: NO REPORT**

E-mail correspondence dated 3 October 2012 regarding WG4 Leadership Position (C00-20121015-037) was presented from Agilent as FYI for TSG-C. Jing Sun (Qualcomm) will represent WG4 at closing Plenary.

The Chair of the SWG4.1 EAAH (Electro-Acoustic AH), Doug Dunn (Kyocera), noted the baseline text for C.S0056-A Electro-Acoustic MPS would be ready for closing Plenary with V&V text expected at the next meeting in December 2012.

 - The following documents were proposed to be added to the agenda for baseline text approval:
 - C.S0056-A Electro-Acoustic Recommended MPS
 - C.S0097-A E-UTRAN – cdma2000 1x Connectivity and Interworking Air Interface Specification

DECISION: These proposed agenda changes were approved without objection and incorporated into C00-20121015-001R5.

10. OLD BUSINESS: The following contributions were discussed:

- 1 • E-mail correspondence dated 16 August 2012 regarding remand of C00-20120806-105 to
2 WG4 to coordinate WG comments (C00-20121015-034) was presented from the Chair.
3 **ACTION: C00-20120806-105 was remanded to WG1, WG3, and WG4 for action**
4 **and comment with comments to be coordinated by WG4.**
- 5 • A contribution regarding 3GPP2 Restructuring (C00-20121015-042) was presented from
6 the Chair as FYI for TSG-C.

7 **11. NEW BUSINESS:** The following contributions were discussed:

- 8 • Proposed WI for Battery Benchmarking (C00-20121015-043) was presented from China
9 Telecom, US Cellular, and Qualcomm. **ACTION: This correspondence was**
10 **remanded to WG1 for review and action as appropriate and to all other WGs for**
11 **review and comment. The Chair also stated that the TSG Leadership Team would**
12 **discuss how to structure the work.**
- 13 • A contribution regarding Dynamic Adaptive Streaming over HTTP (DASH) in 3GPP2
14 (C00-20121015-040) was presented from Qualcomm as FYI for TSG-C.
- 15 • A contribution regarding Priority of Short Message Service (C00-20121015-044) was
16 presented by Huawei on behalf of China Telecom. **ACTION: This contribution was**
17 **remanded to WG1, WG2, and WG3 for review and comment.**

18 This session was recessed on Monday 15 October 2012 at 12:44 PM local time.

19
20
21 **CLOSING PLENARY:**

22 The meeting was reconvened on Friday 19 October 2012 at 8:37 AM local time by TSG-C Chair, Ed
23 Tiedemann (Qualcomm).

24 Quorum was established at the opening Plenary and not challenged at this time. No additional 3GPP2
25 individual member companies from the TSG-C active roster were noted in attendance.

26 **12. WORKING GROUP REPORTS:**

- 27 • **WG1 REPORT:** The WG1 report (C00-20121015-101R1) was presented by the WG1
28 Chair, Doug Dunn (Kyocera), as FYI.
 - 29 • Documents Being Proposed for SC Level Review: NONE
 - 30 • Documents Being proposed for republication text: NONE
 - 31 • Documents Being Proposed for V&V:
 - 32 • C.P0048-A v1.03 Mobile Equipment (ME) Conformance Testing with
 - 33 RUIM for cdma2000 Spread Spectrum Standards (to be published as
 - 34 C.S0048-A v2.0, TSGC-180)

- 1 • C.P0107-0 v0.5 cdma2000 Application (CSIM) Conformance Testing for
- 2 Spread Spectrum Systems (to be published as C.S0107-0 v1.0, TSGC-141)
- 3 • C.P0015-C v0.3 Short Message Service (SMS) For Wideband Spread
- 4 Spectrum Systems (to be published as C.S0015-C v1.0, TSGC-179)
- 5 • Documents Being Proposed for Baseline: NONE
- 6 • Also progressed the development of the following projects:
- 7 • C.S0065-B v3.0 cdma2000 Application on UICC for Spread Spectrum
- 8 Systems
- 9 • C.S0101-0 v1.0 Mobile Equipment (ME) Conformance Testing with
- 10 CSIM for cdma2000 Spread Spectrum Standards
- 11 • C.S0106-0 v1.0 Mobile Equipment (ME) Conformance Testing with
- 12 CDMA Card Application Toolkit
- 13 • C.S0035-B v1.0 CDMA Card Application Toolkit (CCAT)
- 14 • C.S0023-D v3.0 Removable User Identity Module for Spread Spectrum
- 15 Systems
- 16 • The following new document number assignments were included in the latest
- 17 version of the TSG-C document log (C00-20121015-003) or made during the
- 18 meeting:

TSG-C Document #	Document Title	Supported TSG-C WIs	Supported 3GPP2 WIs
NONE			

19 The TSG-C Work Items that were recommended for approval.

WI	Title
NONE	

20 **DECISION: C.P0048-A v1.02 Mobile Equipment (ME) Conformance Testing with**

21 **R-UIM for cdma2000 Spread Spectrum Standards (C00-20121015-118) was**

22 **approved without objection for V&V review by 3GPP2 OPs and TSG-C**

23 **participants with comments due on or before 26 November 2012 and liaised to TIA**

24 **TR45.5.**

25 **DECISION: C.P0107-0 v0.5 cdma2000 Application (CSIM) Conformance Testing**

26 **for Spread Spectrum Systems (C00-20121015-119) was approved without objection**

27 **for V&V review by 3GPP2 OPs and TSG-C participants with comments due on or**

28 **before 26 November 2012 and liaised to TIA TR45.5.**

DECISION: C.P0015-C v0.4 Short Message Service (SMS) For Wideband Spread Spectrum Systems (C00-20121015-120) was approved without objection for extended V&V review by 3GPP2 OPs and TSG-C participants with comments due on or before 2 November 2012 and liaised to TIA TR45.5. NOTE: The extended V&V is being required only because there was a missing page of normative references from the previously released pdf file - all other comments were editorial in nature. Due to the limited scope of this review, a shortened extended V&V cycle was approved to address a 3GPP2 Operator priority. This could result in 3GPP2 document publication prior to the completion of the TIA default ballot cycle.

If no substantive V&V comments are received for C.P0015-C v0.4 Short Message Service (SMS) For Wideband Spread Spectrum Systems by the 2 November 2012 V&V comment due date, the document will be immediately released for TSG vote by correspondence (14 calendar days) for TSG publication approval.

DECISION: Proposed correspondence to TSG-S regarding TSG-C Review of 3GPP2 WIs (C00-20121015-121) was approved without objection for transmission.

DECISION: Proposed correspondence to ETSI SCP TEC regarding Dialling Number String (C00-20121015-122R1) was approved without objection for transmission

- **WG2 REPORT:** The WG2 report (C00-20121015-102R2) was presented by the WG2 Chair, Orlett Pearson (Alcatel-Lucent), as FYI.
 - Documents Being Proposed for Publication:
 - C.P0097-0 E-UTRAN – cdma2000 1x Connectivity and Interworking Air Interface Specification (TSGC-177, 3GPP2-00310)
 - Documents Being Proposed for re-publication: NONE
 - Documents Requiring V&V Review:
 - C.P0003-F Medium Access Control (MAC) Standard for cdma2000 Spread Spectrum Systems (TSGC-176, 3GPP2-309) - Extended V&V
 - C.P0005-F Upper Layer (Layer 3) Signaling Standard for cdma2000 Spread Spectrum Systems (TSGC-176, 3GPP2-309) - Extended V&V
- Documents being held at the Plenary include the following:
- C.P0001-F Introduction to cdma2000 Spread Spectrum Systems (TSGC-176, 3GPP2-309) - Extended V&V
 - C.P0004-F Signaling Link Access Control (LAC) Standard for cdma2000 Spread Spectrum Systems (TSGC-176, 3GPP2-309) - Extended V&V
- Documents proposed as baseline text: NONE
 - Interim conference calls have been scheduled as follows:

Group	Date	Time
SWG1		
SWG2	6 November 2012	8:00–10:00 AM Central - C.S0097-A v1.0

	28 November 2012	8:00–10:00 AM Central – 1x Rev. F
SWG3	29 November 2012	7:00-9:00 PM Central – C.S0087

1 C.P0001-F Introduction to cdma2000 Spread Spectrum Systems (C00-20121015-131)
 2 was noted as FYI. A clean text version with corrections for compliance with 3GPP2
 3 Drafting Rules will be available at the next meeting.

4 **DECISION: C.P0003-F Medium Access Control (MAC) Standard for cdma2000**
 5 **Spread Spectrum Systems (C00-20121015-132R1) was approved without objection**
 6 **for extended V&V review by 3GPP2 OPs and TSG-C participants with comments**
 7 **due on or before 26 November 2012 and liaised to TIA TR45.5.**

8 C.P0004-F Signaling Link Access Control (LAC) Standard for cdma2000 Spread
 9 Spectrum Systems (C00-20121015-133) was noted as FYI. A clean text version with
 10 corrections for compliance with 3GPP2 Drafting Rules and other errors will be available
 11 at the next meeting.

12 **DECISION: C.P0005-F Upper Layer (Layer 3) Signaling Standard for cdma2000**
 13 **Spread Spectrum Systems (C00-20121015-134) was approved without objection for**
 14 **extended V&V review by 3GPP2 OPs and TSG-C participants with comments due**
 15 **on or before 26 November 2012 and liaised to TIA TR45.5.**

16 **DECISION: C.P0097-0 E-UTRAN – cdma2000 1x Connectivity and Interworking**
 17 **Air Interface Specification (C00-20121015-135R5) was approved without objection**
 18 **for publication as C.S0097-0 v3.0 and liaised to TIA TR45.5.**

19 **DECISION: Proposed correspondence to 3GPP RAN4 LS on Handover Delay**
 20 **Requirement from E-UTRAN to cdma2000 1x (C00-20121015-136) was approved**
 21 **without objection for transmission.**

22 **DECISION: Document number request for C.S0097-A v1.0 E-UTRAN – cdma2000**
 23 **1x Connectivity and Interworking Air Interface Specification (C00-20121015-**
 24 **137R1) was approved without objection and remanded to WG1 for action.**

- 25 • **WG3 REPORT:** The WG3 report (C00-20121015-103R1) was presented by WG3
 26 Chair, Sang Kim (LGE), as FYI.
 - 27 • Documents Being Proposed for Publication: NONE
 - 28 • Documents Being Proposed for Re-Publication: NONE
 - 29 • Documents Being Proposed for V&V Review: NONE
 - 30 • Documents Being Proposed as Baseline Text: NONE
 - 31 • Other items for Plenary approval:
 - 32 • Response to WP5A liaison on the revision work on recommendation
 - 33 ITU-R M.1801 and report ITU-R M.2116
 - 34 • Response to WP5A liaison on review of preliminary draft new report
 - 35 LMS.ATG

- No WG3 interim conference calls have been scheduled.

The ITU activities report (C00-20121015-103A) was noted as FYI.

DECISION: Proposed correspondence to ITU-R WP5A regarding liaison on the revision work on recommendation ITU-R M.1801 and report ITU-R M.2116 (C00-20121015-109R1) was approved without objection for transmission pending the addition of TIA TR45.5 to the cc list. This contribution was also liaised directly to TIA TR45.5

DECISION: Proposed correspondence to ITU-R WP5A regarding liaison on the revision work on review of preliminary draft new report LMS.ATG (C00-20121015-110R1) was approved without objection for transmission pending the addition of TIA TR45.5 to the cc list. This contribution was also liaised directly to TIA TR45.5

C.P0002-F Physical Layer Standard for cdma2000 Spread Spectrum Systems (C00-20121015-111) was noted as FYI. A clean text version with applicable error corrections will be available at the next meeting.

- **WG4 REPORT:** The WG4 report (C00-20121015-104) was presented by Jing Sun (Qualcomm), as FYI.

- Documents Being Proposed for SC Level Review: NONE

- Documents Being Proposed for Republication:

- C.S0044-C v1.0 Interoperability Specification for cdma2000 Air Interface (WI TSGC-144)

- Documents Being Proposed for V&V Review: NONE

- Document Proposed as Baseline Text:

- C.P0056-A v0.4 Electro-Acoustic Recommended Minimum Performance Specification for cdma2000 Mobile Stations (WI TSGC-171/3GPP2-00296)

DECISION: Document number request for C.S0056-A Electro-Acoustic Recommended Minimum Performance Specification for cdma2000 Mobile Stations (C00-20121015-117) was approved without objection and remanded to WG1 for action.

DECISION: C.P0056-A v0.4 Electro-Acoustic Recommended Minimum Performance Specification for cdma2000 Mobile Stations (C00-20121015-112) was approved without objection as baseline text and remanded back to WG3 to R&F.

DECISION: C.S0044-C v1.0 Interoperability Specification for cdma2000 Air Interface (C00-20121015-113R1) was approved without objection as republication text based on the WG4 commitment that all changes were editorial in nature. This document was also liaised to TIA TR45.5.

DECISION: Proposed correspondence to ITU-T SG12 on new Recommendation P.UHIP (C00-20121015-114) was approved without objection for transmission.

13. LIAISON REPORTS:

- **OP:** No contributions or discussions.
- **SC:** No contributions or discussions.
- **3GPP2 SECRETARIAT:** No contributions or discussions.
- **TSG-A:** The following contributions were discussed:
 - Correspondence to TIA TR45.4 dated 18 October 2012 regarding Initiation of V&V for TSG-A Specification(s) (C00-20121015-129R1) was presented from TSG-A as FYI for TSG-C.
 - Correspondence to TSG-S dated 18 October 2012 regarding TSG-A Work Item, Stage 1, LS, and SC Documents for Review (C00-20121015-130) was presented from TSG-A. **ACTION: This contribution was remanded to WG1 as FYI.**
- **TSG-S:** The following contributions were discussed:
 - The TSG-S Liaison Report for October 2012 (C00-20121015-123) was presented from the TSG-S Liaison as FYI for TSG-C.
 - Correspondence to the Broadband Forum dated 18 October 2012 regarding SIMR WG (C00-20121015-124) was presented from TSG-S as FYI for TSG-C.
 - Correspondence to TIA TR45.8 dated 18 October 2012 announcing V&V review of S.P0126-A System Requirements for Femtocell Systems (C00-20121015-125) was presented from TSG-S as FYI for TSG-C.
 - Correspondence to all TSGs dated 18 October 2012 regarding TSG Review of S.P0148-A Dynamic RAN Power Management Stage 1 (C00-20121015-126) was presented from TSG-S. **ACTION: This contribution was remanded to all WGs for review and comment with comments to be coordinated by WG1.**
 - Correspondence to all TSGs dated 18 October 2012 regarding TSG Review of S.P0151-0 v0.3 eHRPD – EUTRAN Interworking Matrix (C00-20121015-127) was presented from TSG-S. **ACTION: This contribution was remanded to all WGs for review and comment with comments to be coordinated by WG2.**
 - E-mail correspondence dated 18 October 2012 regarding WI Tracking Sheet dated 18 October 2012 (C00-20121015-128) was presented from TSG-S. **ACTION: This contribution was remanded to WG1 as FYI.**
- **TSG-X:** Correspondence to TSG-S dated 15 October 2012 regarding review comments (C00-20121015-105) was presented from TSG-X. **ACTION: This contribution was remanded to WG1 as FYI.**

- 1 • **TIA:** No contributions or discussions.
- 2 • **ITU:** The following contributions were discussed:
 - 3 • An LS to External Organizations dated 17 October 2012 regarding technical and
 - 4 operational aspects of passive and active base station antennas for IMT systems
 - 5 (C00-20121015-106) was presented from ITU-T WP5D. **ACTION: This**
 - 6 **contribution was remanded to WG3 for review and action as appropriate.**
 - 7 • An LS to External Organizations dated 17 October 2012 regarding Revision 12 of
 - 8 Recommendation ITU-R M.1457 (C00-20121015-107) was presented from ITU-
 - 9 T WP5D. **ACTION: This contribution was remanded to WG3 as FYI.**
 - 10 • An LS to External Organizations dated 17 October 2012 regarding invitation to
 - 11 provide input material for development of Working Document toward a
 - 12 Preliminary Draft New Report on “The use of IMT for broadband PPDR
 - 13 applications” (C00-20121015-108) was presented from ITU-T WP5D.
 - 14 **ACTION: This contribution was remanded to WG3 for review and action as**
 - 15 **appropriate.**
- 16 • **CDG:** No contributions or discussions.
- 17 • **3GPP:** No contributions or discussions.
- 18 • **OMA:** No contributions or discussions.
- 19 • **OTHER:** No contributions or discussions.

20 **14. OLD BUSINESS (continued):** No contributions or discussions.

21 **15. NEW BUSINESS (continued):** The following contributions were discussed:

- 22 • Proposed WI for Bug Fixes for R-UIM Specification (C00-20121015-115) was presented
- 23 from Comprion, Kyocera, and Qualcomm. **ACTION: This contribution was**
- 24 **remanded to WG1 for action.**
- 25 • Proposed WI for CDMA Card Application Toolkit Support for USSD and Advanced
- 26 Location (C00-20121015-116) was presented from Comprion, Kyocera, and Qualcomm.
- 27 **ACTION: This contribution was remanded to WG1 for action.**

28 **16. FUTURE MEETING SCHEDULE:**

10-14 December 2012	Hyatt Regency Maui Resort and Spa in Maui, HI, USA
11-15 March 2013	Pusan, South Korea

29 The Chair noted the following:

- 30 • The Chair noted that there will be elections for TSG Leadership for the next term on
- 31 Thursday AM in Maui.

- 1 • CDG GHRC will meet on Monday 1-6 PM in Maui. This should not affect 3GPP2
- 2 meetings.
- 3 • There will be a joint WG meeting on Wednesday AM in Maui on the following topics:
- 4 • DASH
- 5 • Battery Benchmarking

6 **17. OPEN DISCUSSION AND OTHER BUSINESS:**

7 **18. ASSIGNMENTS:** The open action items as of the end of this meeting, other than standard

8 document remands, were noted as follows:

9 120416-02 A call for volunteers has been issued for persons who are interested in serving as

10 the TSG-C WG1 Vice-Chair.

11 120806-01 WG1 will prepare a correspondence to CDG advising them of the TSG-C intent to

12 cease work on R-UIM feature development. This document will be available for

13 consideration at the Sapporo meeting.

14 **19. ADJOURNMENT:** The Plenary was adjourned on 19 October 2012 at 12:15 PM local time.

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20121015-			
* Contribution was remanded in advance to this WG/AdHoc			
000	DOCUMENT REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVED R3
002	TSG-C Meeting Summary - August 2012 – Seattle, WA, USA	SECRETARY	APPROVED
003	TSG-C Document Log	WG1	FYI
004	TSG-C Work Item Review Status Log	WG1	FYI
005	TSG-S Document Status Table for August 2012	TSG-S	FYI
006	Correspondence to TSG-S dated 10 August 2012 regarding review comments	TSG-X	WG1
007	Correspondence to TSG-S dated 10 August 2012 regarding new WI proposal	TSG-X	WG1
008	Liaison to ITU-T SG2 dated 10 August 2012 regarding ITU-T SG2 Correspondence COM 2-LS129, Assignment of 3-digit MNCs	TSG-X	FYI
009	Correspondence to SC Workshop Planning AdHoc dated 10 August 2012 regarding new TSG-X review of initial draft of Guangzhou workshop summary	TSG-X	FYI
010	E-mail correspondences regarding SC level review and approval of C.S0035-A v3.0 CDMA Card Application Toolkit (CCAT)	3GPP2 SECRETARIAT	FYI
011	E-mail correspondences regarding SC level review and approval of C.S0044-C v1.0 Interoperability Specification for cdma2000 Air Interface	3GPP2 SECRETARIAT	FYI
012	E-mail correspondence dated 13 August 2012 regarding V&V review for cdma2000 1x Air Interface Rev. F (C.P0001-F through C.P0005-F)	3GPP2 SECRETARIAT	FYI
013	E-mail correspondence dated 13 August 2012 regarding V&V review for C.P0015-C v0.3 Short Message Service (SMS) For Wideband Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI
014	E-mail correspondence dated 14 August 2012 regarding V&V review for C.P0017-010-0 v3.0 Data Service Options for Spread Spectrum Systems: Radio Link Protocol Type 3	3GPP2 SECRETARIAT	FYI
015	E-mail correspondence dated 13 August 2012 regarding V&V review for C.P0097-0 v3.0 E-UTRAN – cdma2000 1x Connectivity and Interworking Air Interface Specification	3GPP2 SECRETARIAT	FYI
016	E-mail correspondence dated 14 September 2012 regarding extension of V&V review for C.P0003-F v0.2 - Medium Access Control (MAC) Standard for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI
017	E-mail correspondence dated 13 September 2012 regarding extension of V&V review for C.P0015-C v0.3 - Short Message Service (SMS) For Wideband Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20121015-			
* Contribution was remanded in advance to this WG/AdHoc			
018	E-mail correspondence dated 14 September 2012 regarding extension of V&V review for C.P0097-0 v3.0 - E-UTRAN – cdma2000 1x Connectivity and Interworking Air Interface Specification	3GPP2 SECRETARIAT	FYI
019	E-mail correspondence to 3GPP2 OPs dated 13 August 2012 regarding reminder for SDO actions related to M.1457-11	3GPP2 SECRETARIAT	FYI
020	E-mail correspondence to 3GPP2 OPs dated 29 August 2012 regarding updated cdma2000 Workshop Press Release	3GPP2 SECRETARIAT	FYI
021	E-mail correspondence to Guangzhou Workshop participants regarding Follow-Up to "cdma2000 Technology Workshop" in Guangzhou	3GPP2 SECRETARIAT	FYI
022	ITU-T SG11 LS dated 6 September 2012 regarding response LS to draft revised Supplement TRQ.ETS-overview (Supp.62)	TIA TR45.5	FYI
023	TIA Legal comments regarding C.S0044-C v1.0 Interoperability Test Specification for cdma2000 Air Interface	TIA TR45.5	WG4
024	TIA ballot summary for C.S0001-F v1.0 Introduction to cdma2000 Spread Spectrum Systems	TIA TR45.5	WG2*
025	TIA ballot summary for C.S0002-F v1.0 Physical Layer Standard for cdma2000 Spread Spectrum Systems	TIA TR45.5	WG3*
026	TIA ballot summary for C.S0004-F v1.0 Signaling Link Access Control (LAC) Standard for cdma2000 Spread Spectrum Systems	TIA TR45.5	WG2*
027	TIA ballot summary for C.S0005-F v1.0 Upper Layer (Layer 3) Signaling Standard for cdma2000 Spread Spectrum Systems.	TIA TR45.5	WG2*
028	E-mail correspondence dated 28 September 2012 regarding NIST Smart Grid Document Review	TIA TR45.5	WG3*
029	LS to TSG-A dated 10 August 2012 regarding Improvements to S102 Information Element	3GPP CT4	WG2
030	LS dated 23 August 2012 regarding enhancements to the security of the SMS OTA download mechanisms	3GPP CT6	WG1
031	LS dated 17 August 2012 regarding Handover Delay Requirement from E-UTRAN to cdma2000 1x	3GPP RAN4	WG2*
032	LS to TSG-X dated 6 September 2012 regarding draft revised Supplement TRQ.ETS-overview (Supp.62)	ITU-T SG11	WG3*
033	LS dated 31 August 2012 regarding Service Innovation and Market Requirements (SIMR) WG	BROADBAND FORUM	FYI

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20121015-			
* Contribution was remanded in advance to this WG/AdHoc			
034	E-mail correspondence dated 16 August 2012 regarding remand of C00-20120806-105 to WG4 to coordinate WG comments	CHAIR	ALL WGs
035	E-mail correspondences regarding Meeting amongst SDO Representatives during ITU-R WP 5D October Meeting #14 in California	VARIOUS SDOs	WG3*
036	TIA ballot summary for C.S0097-0 v3.0 .E-UTRAN – cdma2000 1x Connectivity and Interworking Air Interface Specification	TIA TR45.5	WG2*
037	E-mail correspondence dated 3 October 2012 regarding WG4 Leadership Position	AGILENT	WG4
038	Correspondence to all TSGs dated 11 September 2012 regarding Release of WI(s) for TSG Review	TSG-S	WG1 ALL WGs
039	3GPP2 Workplan files – October 2012	3GPP2 SECRETARIAT	WG1 ALL WGs
040	Dynamic Adaptive Streaming over HTTP (DASH) in 3GPP2	QUALCOMM	FYI
041	C.P0107-0 v0.4 cdma2000 Application (CSIM) Conformance Testing for Spread Spectrum Systems proposed baseline text	WG1	APPROVED
042	3GPP2 Restructuring	CHAIR	FYI
043	Proposed WI for Battery Benchmarking	CHINA TELECOM, US CELLULAR, AND QUALCOMM	WG1 ALL WGs
044	Priority of Short Message Service	CHINA TELECOM	WG1, WG2, WG3
045	Summary of ITU-R WP5D meeting	TIA TR45.5	WG3
046	TIA ballot comments for C.P0015-C v0.3 Short Message Service (SMS) For Wideband Spread Spectrum Systems – Revision D	TIA TR45.5	WG1
047	TIA ballot summary for C.S0003-F v1.0 Medium Access Control (MAC) Standard for cdma2000 Spread Spectrum Systems	TIA TR45.5	WG2
CLOSING PLENARY – C00-20121015-			
* Contribution was remanded in advance to this WG/AdHoc			
101	WG1 Report	WG1	FYI
102	WG2 Report	WG2	FYI
103	WG3 Report	WG3	FYI
104	WG4 Report	WG4	FYI
105	Correspondence to TSG-S dated 15 October 2012 regarding review comments	TSG-X	WG1

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20121015-			
* Contribution was remanded in advance to this WG/AdHoc			
106	LS to External Organizations dated 17 October 2012 regarding technical and operational aspects of passive and active base station antennas for IMT systems	ITU-R WP5D	WG3*
107	LS to External Organizations dated 17 October 2012 regarding Revision 12 of Recommendation ITU-R M.1457	ITU-R WP5D	WG3*
108	LS to External Organizations dated 17 October 2012 regarding invitation to provide input material for development of Working Document toward a Preliminary Draft New Report on “The use of IMT for broadband PPDR applications”	ITU-R WP5D	WG3*
109	Proposed correspondence to WP5A regarding liaison on the revision work on recommendation ITU-R M.1801 and report ITU-R M.2116	WG3	APPROVED R1
110	Proposed correspondence to WP5A regarding liaison on the revision work on review of preliminary draft new report LMS.ATG	WG3	APPROVED R1
111	C.P0002-F Physical Layer Standard for cdma2000 Spread Spectrum Systems proposed extended V&V text	WG3	FYI
112	C.P0056-A v0.4 Electro-Acoustic Recommended Minimum Performance Specification for cdma2000 mobile stations proposed baseline text	WG4	APPROVED
113	C.P0044-C Interoperability Specification for cdma2000 Air Interface proposed republication text	WG4	APPROVED R1
114	Proposed correspondence to ITU-T SG12 on new Recommendation P.UHIP	WG4	APPROVED
115	Proposed WI for Bug Fixes for R-UIM Specification	COMPRION, KYOCERA, AND QUALCOMM	APPROVED
116	Proposed WI for CDMA Card Application Toolkit Support for USSD and Advanced Location	COMPRION, KYOCERA, AND QUALCOMM	APPROVED
117	Document number request for C.S0056-A Electro-Acoustic Recommended Minimum Performance Specification for cdma2000 Mobile Stations	WG4	APPROVED
118	C.P0048-A v1.02 Mobile Equipment (ME) Conformance Testing with R-UIM for cdma2000 Spread Spectrum Standards proposed V&V text	WG1	APPROVED
119	C.P0107-0 v0.5 cdma2000 Application (CSIM) Conformance Testing for Spread Spectrum Systems proposed V&V text	WG1	APPROVED
120	C.P0015-C v0.4 Short Message Service (SMS) For Wideband Spread Spectrum Systems proposed extended V&V text	WG1	APPROVED
121	Proposed correspondence to TSG-S regarding TSG-C Review of 3GPP2 WIs	WG1	APPROVED
122	Proposed correspondence to ETSI SCP TEC regarding Dialling Number String	WG1	APPROVED R1
123	TSG-S Liaison Report – Sapporo, Japan	TSG-S LIAISON	FYI

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20121015-			
* Contribution was remanded in advance to this WG/AdHoc			
124	Correspondence to the Broadband Forum dated 18 October 2012 regarding SIMR WG	TSG-S	FYI
125	Correspondence to TIA TR45.8 dated 18 October 2012 announcing V&V review of S.P0126-A System Requirements for Femtocell Systems	TSG-S	FYI
126	Correspondence to all TSGs dated 18 October 2012 regarding TSG Review of S.P0148-A Dynamic RAN Power Management Stage 1	TSG-S	WG1 ALL WGs
127	Correspondence to all TSGs dated 18 October 2012 regarding TSG Review of S.P0151-0 v0.3 eHRPD – EUTRAN Interworking Matrix	TSG-S	WG2 ALL WGs
128	E-mail correspondence dated 18 October 2012 regarding WI Tracking Sheet dated 18 October 2012	TSG-S	WG1
129	Correspondence to TIA TR45.4 dated 18 October 2012 regarding Initiation of V&V for TSG-A Specification(s)	TSG-A	FYI
130	Correspondence to TSG-S dated 18 October 2012 regarding TSG-A Work Item, Stage 1, LS, and SC Documents for Review	TSG-A	WG1
131	C.P0001-F Introduction to cdma2000 Spread Spectrum Systems proposed extended V&V text	WG2	FYI
132	C.P0003-F Medium Access Control (MAC) Standard for cdma2000 Spread Spectrum Systems proposed extended V&V text	WG2	APPROVED R1
133	C.P0004-F Signaling Link Access Control (LAC) Standard for cdma2000 Spread Spectrum Systems proposed extended V&V text	WG2	FYI
134	C.P0005-F Upper Layer (Layer 3) Signaling Standard for cdma2000 Spread Spectrum Systems proposed extended V&V text	WG2	APPROVED
135	C.P0097-0 E-UTRAN – cdma2000 1x Connectivity and Interworking Air Interface Specification proposed publication text	WG2	APPROVED R5
136	Proposed correspondence to 3GPP RAN4 LS on Handover Delay Requirement from E-UTRAN to cdma2000 1x	WG2	APPROVED
137	Document number request for C.S0097-A v1.0 E-UTRAN – cdma2000 1x Connectivity and Interworking Air Interface Specification	WG2	APPROVED R1

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3GPP2 QUORUM ROLL CALL TSG-C (cdma2000 Air Interface) Sapporo, Japan 19-Oct-12							
INDIVIDUAL MEMBER COMPANY			Consec Mtgs Missed	Voting Status	Quorum Status	Voting Status	Quorum Status
	10/15/2012	10/19/2012	Including this Mtg	This Meeting	This Meeting	Next Meeting*	Next Meeting*
AGILENT TECHNOLOGIES			1	1	1	1	1
ALCATEL-LUCENT	1		0	1	1	1	1
APPLIED COMMUNICATION SCIENCES		1	0	0	0	0	0
CHINA TELECOM			1	1	1	1	1
COMPRION	1		0	1	1	1	1
ERICSSON	1		0	1	1	1	1
HITACHI	1		0	1	1	1	1
HUAWEI	1		0	1	1	1	1
KDDI	1		0	1	1	1	1
KYOCERA	1		0	1	1	1	1
LG ELECTRONICS	1		0	1	1	1	1
MOTOROLA MOBILITY	1		0	1	1	1	1
NSN	1		0	1	1	1	1
QUALCOMM	1		0	1	1	1	1
RITCOE			3	0	0	0	0
RITT			1	0	0	0	0
ROHDE & SCHWARZ			3	1	1	1	1
SAMSUNG			3	0	0	0	0
SPIRENT COMMUNICATIONS			1	0	0	0	0
SPRINT/NEXTEL	1		0	1	1	1	1
VIA TELECOM	1		0	1	1	1	1
ZTE	1		0	1	1	1	1
TOTAL APPLICABLE TO QUORUM	14	0		17	17	17	17
QUORUM CALCULATION	82%	0%					
ADDITIONS							
GUESTS OR OBSERVERS							
ARIB		1					
CDG	1						
CCF	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.