

1 **Title:**

2 **APPROVED SUMMARY OF TSG-C MEETING**
3 **for 25-29 October 2010 in Tampa, FL, USA**

4 **Source:**

5
6 Clifton J. Barber
7 TSG-C SECRETARY
8
9 Representing KDDI
10 CJ Barber Consulting Services
11 3028 Saint Andrews Court
12 Jonesboro, GA 30236
13 (770) 210-2988
14 (770) 456-4099 fax
15 cbarber@cjbarberconsulting.com
16



17 **Abstract:**

18 This document is a summary of the 3GPP2 TSG-C meetings that were held during the period of
19 25-29 October 2010 in Tampa, FL, USA.

20 **Recommendations:**

21 For review and approval.

22 **Notice:**

23 © 2010 3GPP2

24 KDDI grants a free, irrevocable license to 3GPP2 and its Organizational Partners to incorporate text or other copyrightable
25 material contained in the contribution and any modifications thereof in the creation of 3GPP2 publications; to copyright and
26 sell in Organizational Partner's name any Organizational Partner's standards publication even though it may include all or
27 portions of this contribution; and at the Organizational Partner's sole discretion to permit others to reproduce in whole or in
28 part such contribution or the resulting Organizational Partner's standards publication. KDDI is also willing to grant licenses
29 under such contributor copyrights to third parties on reasonable, non-discriminatory terms and conditions for purpose of
30 practicing an Organizational Partner's standard which incorporates this contribution.

31 This document has been prepared by KDDI to assist the development of specifications by 3GPP2. It is proposed to the
32 Committee as a basis for discussion and is not to be construed as a binding proposal on KDDI. KDDI specifically reserves
33 the right to amend or modify the material contained herein and to any intellectual property of KDDI other than provided in
34 the copyright statement above.

1 During the period of 25-29 October 2010, 3GPP2 TSG-C meetings were held at the Hyatt Regency
2 Tampa Hotel in Tampa, FL, USA. 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 25 October 2010 at 9:05 AM local time by TSG-C Chair, Ed Tiedemann (Qualcomm).

7 The Chair welcomed everyone to Tampa.

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

10 2. **ATTENDANCE REGISTRATION AND ROLL CALL:** A roll call of companies indicated
11 that 21 companies included on the list of 26 active quorum members were present (81%
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 (C00-20101025-000).

16 4. **AGENDA APPROVAL:** The proposed agenda (C00-20101025-001) was presented.

17 The Chair noted the following additional activities this week:

- 18 • Joint TSG review of S.P0140-0 Study for Revised Energy Efficient Network (GREEN)
19 Technology Initiatives for cdma2000 Wireless Networks and S.P0141-0 Study for
20 Machine-to-Machine (M2M) Communication for cdma2000 Wireless Networks is
21 scheduled for Monday 25 October 2010 at 5:00 PM hosted by TSG-S.
- 22 • Joint TSG discussions on System Release 6 planning will be hosted by TSG-S WG3 on
23 Tuesday 26 October 2010 during the NOON to 1:00 PM time slot. The WG1 Chair will
24 be representing TSG-C at these discussions.
- 25 • 3GPP2 SC M2M Numbering AdHoc meeting will be held on Tuesday 26 October 2010
26 at 5:00 PM.
- 27 • Joint TSG discussions regarding M2M architecture will be hosted by TSG-X on
28 Wednesday 27 October 2010 during the 8:30-9:30 AM time slot.
- 29 • The TSG-C Chair's meeting will be held on Wednesday 27 October 2010 at 7:30 AM in
30 the WG1 meeting room.
- 31 • The ITU AdHoc will meet on Tuesday 26 October 2010 at 10:30 AM and on Thursday
32 28 October 2010 is 8:30 AM.

- 1 • CMOAHG will not meet this week. They will resume their work once Broadband Forum
2 provides required output.

3 The Chair reviewed the list of documents in R&F and V&V.

4 The Chair also noted that C.P0094-A Signaling Conformance Test Specification for
5 Interworking of cdma2000 1x and High Rate Packet Data Systems had been approved for
6 publication on 3 August 2010 and will thus be removed from the next version of the agenda.

7 **DECISION: The agenda was approved without objection as submitted (C00-20101025-001).**

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

10 6. **APPROVAL OF PREVIOUS MEETING SUMMARIES:** The summary of the TSG-C
11 meeting for September 2010 that was held in Fukuoka, Japan (C00-20101025-002) was
12 presented. **DECISION: This meeting summary was approved without objection as**
13 **submitted (C00-20101025-002).**

14 7. **REVIEW OF OUTSTANDING ACTIONS FROM PREVIOUS MEETING:** The action
15 items from the September 2010 face-to-face meeting were noted as follows:

16 100621-001 WG1 was assigned an action to update TSG-C work item processing rules in light
17 of the reduced number of face-to-face meetings. This update should be available for
18 discussion at the face-to-face meetings in September 2010.

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

20 100913-001 WG1 must also report to the Plenary related to detailed rules regarding the
21 relationship between document number assignments and WI approvals and the status of
22 the assignment of the document number for the cdma2000 Extended High Rate Packet
23 Data (xHRPD) Header Removal Specification.

24 Based on TSG-C WI Guidelines, document numbers are assigned only after the
25 associated WI is approved. The WI for the xHRPD Header Removal Specification has
26 not yet been approved.

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

28 100913-002 Correspondence to all TSGs dated 16 September 2010 regarding planned actions
29 for 3GPP2 System Release 6 (C00-20100913-121) from TSG-S was remanded to all
30 WGs for review and comment with comments to be coordinated by WG1 on or before the
31 morning of Tuesday 26 October 2010 in Tampa. The WG1 Chair will represent TSG-C
32 at the joint TSG discussions on 3GPP2 System Release 6 that will be hosted by the PMT.

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

34 8. **LIAISON REPORTS:**

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

- 1 • **SC:** Correspondence to all TSGs dated 15 October 2010 regarding M2M Numbering
2 Input (C00-20101025-007) was presented from the SC M2M Numbering AdHoc.

3 **ACTION: This contribution was remanded to WG1 and WG2 for review and**
4 **comment with comments to be coordinated by WG1 in preparation for TSG-C**
5 **response as an output of the December 2010 meeting.**

6 The Chair raised the issue on whether or not any changes are required to TSG-C
7 specifications now that ESNs are no longer recommended for deployment.

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

- 9 • E-mail correspondences regarding SC level review and approval of C.S0010-D
10 v1.0 Recommended Minimum Performance Standards for cdma2000 Spread
11 Spectrum Base Stations (C00-20101025-008) were presented from the 3GPP2
12 Secretariat as FYI for TSG-C.
- 13 • E-mail correspondences regarding SC level review and approval of C.S0032-C
14 v1.0 Recommended Minimum Performance Standards for cdma2000 High Rate
15 Packet Data Access Network (C00-20101025-009) were presented from the
16 3GPP2 Secretariat as FYI for TSG-C.
- 17 • E-mail correspondences regarding SC level review and approval of C.S0043-A
18 v1.0 Signaling Conformance Test Specification for cdma2000 Spread Spectrum
19 Systems (C00-20101025-010) were presented from the 3GPP2 Secretariat as FYI
20 for TSG-C.
- 21 • E-mail correspondences regarding SC level review and approval of C.S0099-0
22 v1.0 Guidelines for using cdma2000 1x Revision E Features on Earlier Revisions
23 (C00-20101025-011) were presented from the 3GPP2 Secretariat as FYI for
24 TSG-C.
- 25 • E-mail correspondence dated 21 September 2010 regarding V&V review of
26 C.P0048-A v0.9 Mobile Equipment (ME) Conformance Testing with R-UIM for
27 cdma2000 Spread Spectrum Standards (C00-20101025-012) was presented from
28 the 3GPP2 Secretariat as FYI for TSG-C.
- 29 • E-mail correspondence dated 21 September 2010 regarding V&V review of
30 C.P0057-E v0.2 Band Class Specification for cdma2000 Spread Spectrum
31 Systems (C00-20101025-013) was presented from the 3GPP2 Secretariat as FYI
32 for TSG-C.
- 33 • E-mail correspondence dated 21 September 2010 regarding V&V review of
34 cdma2000 Extended Cell High Rate Packet Data Air Interface Specification
35 (3 volumes) (C00-20101025-014) was presented from the 3GPP2 Secretariat as
36 FYI for TSG-C.

- 1 • E-mail correspondences to the 3GPP2 OPs regarding M.1457-10 Submission
2 including updated attachments (C00-20101025-015) were presented from the
3 3GPP2 Secretariat as FYI for TSG-C.
- 4 • 3GPP2 Workplan files for October 2010 (C00-20101025-034) were presented
5 from the 3GPP2 Secretariat. **ACTION: This contribution was remanded to all**
6 **WGs for review and comment with comments to be coordinated by WG1.**
- 7 • **TSG-A:** Correspondence to TSG-S dated 13 September 2010 regarding TSG-A Work
8 Item, Stage 1, LS, and SC Documents for Review (C00-20101025-019) was presented
9 from TSG-A. **ACTION: This contribution was remanded to WG1 as FYI.**
- 10 • **TSG-S:** The following contributions were discussed:
- 11 • The TSG-S Document Status Table for September 2010 (C00-20101025-003) was
12 presented from TSG-S as FYI for TSG-C.
- 13 • E-mail correspondences with TSG Chairs regarding next steps in publication of
14 GREEN and M2M Study Reports (C00-20101025-004) were presented from the
15 TSG-S Secretary as FYI for TSG-C.
- 16 • **TSG-X:** The following contributions were discussed:
- 17 • Correspondence to Broadband Forum dated 17 September 2010 regarding New
18 Root data model in TR-069 family of specifications (C00-20101025-005) was
19 presented from TSG-X as FYI for TSG-C.
- 20 • Correspondence to TSG-S dated 17 September 2010 regarding Review comments
21 (C00-20101025-006) was presented from TSG-X as FYI for TSG-C.
- 22 • **TR45:** The following contributions were discussed:
- 23 • TIA ballot comments regarding C.P0098-100-0 v0.1 Introduction to Extended
24 Cell High Rate Packet Data (xHRPD) Air Interface Specification (C00-20101025-
25 020) were presented from TIA TR45.5. **ACTION: This contribution was**
26 **remanded to WG2 for review and action as appropriate.**
- 27 • TIA ballot comments regarding C.P0098-200-0 v0.1 Physical Layer for Extended
28 Cell High Rate Packet Data (xHRPD) Air Interface Specification (C00-20101025-
29 021R2) were presented from TIA TR45.5. **ACTION: This contribution was**
30 **remanded to WG3 for review and action as appropriate.**
- 31 • TIA ballot comments regarding C.P0098-300-0 v0.1 Upper Layers for Extended
32 Cell High Rate Packet Data (xHRPD) Air Interface Specification (C00-20101025-
33 022R1) were presented from TIA TR45.5. **ACTION: This contribution was**
34 **remanded to WG2 for review and action as appropriate.**

- 1 • TIA ballot comments regarding C.P0057-E Band Class Specification for
2 cdma2000 Spread Spectrum Systems (C00-20101025-023) were presented from
3 TIA TR45.5. **ACTION: This contribution was remanded to WG3 for review
4 and action as appropriate.**
- 5 • TIA ballot comments regarding C.P0048-A Mobile Equipment (ME)
6 Conformance Testing with R-UIM for cdma2000 Spread Spectrum Standards
7 (C00-20101025-024) were presented from TIA TR45.5. **ACTION: This
8 contribution was remanded to WG1 for review and action as appropriate.**
- 9 • The ITU-R WP5D Report (C00-20101025-025) was presented from the TIA
10 TR45.5 Chair. **ACTION: This contribution was remanded to the ITU AdHoc
11 for review and action as appropriate.**

12 Specific actions were noted as follows:

- 13 • Need to complete preliminary input for M.1457-11 by our May 2011
14 meeting with updates submitted by our September 2011.
- 15 • Need to further discuss L-band in TSG-C included undetailed concerns
16 from the Russian delegation.
- 17 • Expect draft of M.2039 for review into the December 2010 meeting.
- 18 • ITU-R WP 5A work on BWA Volume of Land Mobile Handbook (C00-
19 20101025-033) was presented from TIA TR45.5. **ACTION: This contribution
20 was remanded to the ITU AdHoc for review and action as appropriate with
21 comments due by the closing Plenary.**
- 22 • **ITU:** An undated LS on X.oacms - overall aspects of countering messaging spam in
23 mobile networks (C00-20101025-016) was presented from the ITU-T SG17. The Chair
24 will suggest to the other TSGs that TSG-X take the lead on this issue. **ACTION: This
25 contribution was remanded to the ITU AdHoc, WG1, and WG2 for review and
26 comment with comments to be coordinated by the ITU AdHoc.**
- 27 • **CDG:** No contributions or discussion.
- 28 • **OMA:** No contributions or discussion.
- 29 • **3GPP/ETSI:** No contributions or discussion.
- 30 • **OTHER:** An LS dated October 2011 regarding Dynamic Adaptive Streaming over
31 HTTP (DASH) (C00-20101025-026) was presented from ISO/IEC JTC1/SC29/WG11 as
32 FYI for TSG-C.

33 9. WORKING GROUP REPORTS:

- 34 • **WG1 REPORT:** A verbal report of WG1 activities was presented by WG1 Chair, Doug
35 Dunn (Kyocera), as FYI.
- 36 • Project Number Assignments for October 2010 (C00-20101025-017) were
37 presented from WG1 as FYI for TSG-C.

- 1 • **DECISION: C.P0014-D Enhanced Variable Rate Codec, Speech Service**
2 **Options 3, 68, 70, and 73 for Wideband Spread Spectrum Digital Systems**
3 **(C00-20101025-028) was approved without objection for publication as**
4 **C.S0014-D v3.0 and liaised to TIA TR45.5.**
- 5 • **DECISION: C.P0070-0 v0.9 BCMCS Codecs and Transport Protocols (C00-**
6 **20101025-029) was approved without objection for V&V review by the**
7 **3GPP2 OPs and TSG-C participants with comments due on or before**
8 **Tuesday 30 November 2010 and liaised to TIA TR45.5.**
- 9 • Proposed response correspondence to TSG-A regarding RAN support for EVRC-
10 NW, SO 73 (0049H) (C00-20101025-030) was presented. **ACTION: This**
11 **contribution was remanded to WG1 and WG2 for review and action as**
12 **appropriate by the closing Plenary. C00-20100913-050 was also remanded to**
13 **WG2 as FYI.**
- 14 • **WG2 REPORT:** A verbal report of WG2 activities was presented by WG2 Chair, Orlett
15 Pearson (Alcatel-Lucent), as FYI.
- 16 No actions requested from the Plenary at this time.
- 17 • **WG3 REPORT:** A verbal report of the WG3 activities was presented by the WG3 Chair,
18 Sang Kim (LGE), as FYI.
- 19 No actions requested from the Plenary at this time.
- 20 • **WG4 REPORT:** A verbal report of WG4 activities was presented by WG4 Co-Chair,
21 Dave Whipple (Agilent), as FYI.
- 22 **ACTION: Document Number request (C00-20101025-018R1) was remanded to**
23 **WG1 for action and clarification of WI validity.**
- 24 • **ITU REPORT:** A verbal report of the ITU AdHoc activities was presented by the ITU
25 AdHoc Vice-Chair, Tao Chen (Qualcomm).
- 26 No actions requested from the Plenary at this time.
- 27 • **TSG-C MANAGEMENT OBJECT ADHOC (CMOAHG) REPORT: NO REPORT**
- 28 10. **OLD BUSINESS:** No contributions or discussion.
- 29 11. **NEW BUSINESS:**
- 30 • A contribution regarding considerations for femto cell deployment concerning out of
31 band emissions in the 894 MHz Air to Ground frequency band (C00-20101025-031R1)
32 was presented from Aircell. **ACTION: This contribution was remanded to WG3 and**
33 **WG4 for review and comment regarding applicable 3GPP2 specifications with**
34 **comments to be coordinated by WG3.**

- 1 • A proposed WI for HRPD-Rev C Point Release (C00-20101025-027R1) was presented
2 from Alcatel-Lucent, Hitachi, NCS, Samsung, Qualcomm, and Telcordia. **ACTION:**
3 **This contribution was remanded to WG1 for review and action as appropriate as**
4 **well as to WG2 and WG3 as FYI.**

- 5 • A for 1x - E-UTRAN Interworking Revision A (C.S0097 A) (C00-20101025-032) was
6 presented from Hitachi, KDDI, Motorola, and Qualcomm. **ACTION: This**
7 **contribution was remanded to WG1 for review and action as appropriate as well as**
8 **to WG2 and WG4 as FYI.**

9 This session was recessed on 25 October 2010 at 12:28 PM local time.

12 **CLOSING PLENARY:**

13 The meeting was reconvened on Friday 29 October 2010 at 8:43 AM local time by TSG-C Vice-Chair,
14 Kim Chang (Huawei).

15 Quorum was established at the opening Plenary and not challenged at this time. Two (2) additional
16 3GPP2 individual member companies from the TSG-C active roster were noted in attendance.

17 **12. WORKING GROUP REPORTS:**

- 18 • **WG1 REPORT:** The WG1 report (C00-20101025-101R1) was presented by WG1
19 Chair, Doug Dunn (Kyocera), as FYI.

- 20 • Documents Being Proposed for SC Level Review:
 - 21 • C.P0022-B Position Determination Service for cdma2000 Spread
22 Spectrum Systems (to be published as C.S0022-B v2.0)
 - 23 • C.P0022-B Position Determination Service for cdma2000 Spread
24 Spectrum Systems Software Distribution (to be published as C.R0022-B
25 v2.0)
 - 26 • C.P0048-A Mobile Equipment (ME) Conformance Testing with R-UIM
27 for cdma2000 Spread Spectrum Standards (to be published as C.S0048-A
28 v1.0)

- 29 • Documents Being proposed for republication text: NONE

- 30 • Documents Being Proposed for V&V: NONE

- 31 • Documents Being Proposed for Baseline: NONE

- 32 • Also progressed the development of the following:
 - 33 • C.P0016-D Over-the-Air Service Provisioning of Mobile Stations in
34 Spread Spectrum Standards point release
 - 35 • C.S0049-A Removable User Identity Module Conformance Testing for
36 Spread Spectrum Systems point release

- 1 • C.S0023-D Removable User Identity Module for Spread Spectrum
2 Systems point release
- 3 • C.S0065-B cdma2000 Application on UICC for Spread Spectrum Systems
4 point release
- 5 • C.0101-0 ME Conformance Testing for CSIM
- 6 • C.P0064-0 IP Based Over-the-Air Device Management (IOTA-DM) for
7 cdma2000 Systems point release
- 8 • The V&V comments of this document are being resolved, however,
9 there has been an issue getting input from the necessary resources
10 to complete the resolution.
- 11 • Target completion by the December meeting.
- 12 • WG1 has proposed updates to the TSG-C WI Process Guidelines as follows:
- 13 • This contribution attempts to bring the TSG-C WI Process Guidelines into
14 alignment with the 3GPP2 WI process.
- 15 • The most significant change is modifying “meeting cycle” to “month”.
- 16 • There may be a need to clarify due dates for reviews.
- 17 • The current document only states that the review will be at least
18 one month and not more than two months.
- 19 • A date to return comments was not defined for months that do not
20 have meetings. This may be needed. It should also be aligned with
21 TSG-S’s dates so that TSG-C WIs once reviewed can be approved
22 and liaised into the TSG-S process such that the minimum time to
23 review the TSG-C WI can be achieved.
- 24 • Other changes were made
- 25 • Apply the new drafting rules.
- 26 • Address the issue of when a PN/DN can be assigned.
- 27 • A joint TSG meeting was held at lunch time on Tuesday to discuss the System
28 Release 6.
- 29 • WG2 provided input to WG1 related to the SRG. This information was
30 determined to be applicable to Release 7 because the completion dates will
31 be after January 2011.
- 32 • It was agreed at the meeting to keep the release guide open until January
33 to allow the publication of a TSG-X document.
- 34 • This would allow the inclusion of all WIs listed except for the Femto Cell
35 work item which has dependence on input from the Broadband Forum.
- 36 • The WG1 Chair informed the group that some document associations
37 would need to be corrected, and that these changes do not have impact on
38 completing the SRG. A correspondence from TSG-C will be generated to
39 document this.

- The SWG1.1 Chair, Chandru Sundarraman (Qualcomm), announced his resignation. The WG1 Chair thanked him for his valued contributions and leadership during his tenure. Min Wang (Qualcomm) has agreed to serve as the Acting Chair in the interim. **ACTION: Volunteers for the position of TSG-C SWG1.1 Chair are requested to submit their candidacy to the TSG-C WG1 Chair.**
- The following document number assignments have been made indicated in C00-20101025-101B:

Document Title	WI	To Be Published As
Interoperability Specification for cdma2000 Air Interface	3GPP2-00232/ TSGC-126	C.S0044-B v1.0
Signaling Conformance Test Specification for Over-the-Air Service Provisioning	TSGC-153	C.S0060-A v1.0
Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Mobile Stations	3GPP2-00232/TSGC-126, 3GPP2-00268/TSGC-150, 3GPP2-00210/TSGC-114 (two additional WIs associated)	C.S0011-D v1.0

DECISION: TSG-C WIs (C00-20101025-101A) were approved as follows:

3GPP2 WI #	Title
157	Add support for ACCOLC value 12 in cdma2000 systems
158	Mapping 3GPP Release 9 features and 3GPP2 features into E-UTRAN – HRPD Interworking
159	Bug Fixes for the EUTRAN – cdma2000 1x Connectivity and Interworking Air Interface Specification

DECISION: C.P0022-B Position Determination Service for cdma2000 Spread Spectrum Systems (C00-20101025-124) was approved without objection for publication as C.S0022-B v2.0 and liaised to TIA TR45.5.

DECISION: C.P0022-B Position Determination Service for cdma2000 Spread Spectrum Systems Software Distribution (C00-20101025-125) was approved without objection for publication as C.R0022-B v2.0 and liaised to TIA TR45.5.

DECISION: C.P0048-A Mobile Equipment (ME) Conformance Testing with RUM for cdma2000 Spread Spectrum Standards (C00-20101025-134) was approved without objection for publication as C.S0048-A v1.0 and liaised to TIA TR45.5.

DECISION: Proposed correspondence to TSG-S regarding SRG Work Item and Document association (C00-20101025-126) was approved without objection for transmission. Based on this correspondence, ACTION 100913-002 was CLOSED without objection.

DECISION: Proposed correspondence to the 3GPP2 PMT Coordinator regarding Workplan Questions (C00-20101025-132) was approved without objection for transmission.

Proposed modifications to the TSG-C WI Process Guidelines (C00-20101025-133) were presented. **ACTION: This contribution was held OPEN at the Plenary for further discussion and decision at the December 2010 meeting. The Plenary should also decide whether or not this document should be published with a formal 3GPP2 document number or not. DECISION: ACTION 100621-001 was CLOSED without objection.**

- **WG2 REPORT:** The WG2 report (C00-20101025-102R1) was presented by the WG2 Chair, Orlett Pearson (Alcatel-Lucent), as FYI.
 - Documents Being Proposed for Publication: NONE
 - Documents Being Proposed for re-publication:
 - C.S0087-0 v2.0 E-UTRAN – cdma2000 HRPD Connectivity and Interworking: Air Interface Specification – correction of publication date (2009 should have been 2010)
 - Documents Requiring V&V Review:
 - C.P0098-300-0 v0.1 Upper Layers to Extended Cell High Rate Packet Data (xHRPD) Air Interface Specification – extended V&V
 - Documents proposed as baseline text:
 - C.P0102-0 Air Interface Application Layer Security for High Rate Packet Data Systems
 - Document numbers have been requested for the following: NONE
 - Proposed changes to the Assignment of Access Overload Classes in Cellular Telecommunications Services document (TSB-16-A (proposed TSB-16-B)) were prepared to be forwarded to TIA TR45.5.
 - WG2 reviewed a contribution from NCS and Telcordia requesting to use the reserved ACCOLCp value 12. Based on discussion in SWG2.1, the following action item was requested from member companies:

ACTION: All TSG-C member companies should investigate which APersistence class value is used by the “test” access terminal. Member companies are requested to report their findings at the December 2010 face-to-face meeting. Based on received input, SWG2.1 will discuss which APersistence class value should be assigned to the AT for test purposes. Additional information can be found in C20-20101025-101.
 - Interim conference calls have been scheduled as follows:

Group	Date	Time
SWG2.2	17 Nov 2010	7:00 – 9:00 PM Central

SWG2.2	30 Nov 2010	7:00 – 9:00 PM Central
--------	-------------	------------------------

1 **DECISION: C.P0102-0 v0.1 HRPD Air Interface Application Layer Security**
2 **(AALS) Air Interface Aspects (C00-20101025-127) was approved without objection**
3 **as baseline text and remanded back to WG2 for R&F.**

4 **DECISION: Proposed correspondence to TIA TR45.5 regarding proposed changes**
5 **to Assignment of Access Overload Classes in Cellular Telecommunications (C00-**
6 **20101025-128) was approved without objection for transmission and to be liaised to**
7 **TIA TR45.5.**

8 **DECISION: Proposed correspondence to TSG-A regarding RAN support for**
9 **EVRC-NW, SO 73 (0049H) (C00-20101025-129) was approved without objection for**
10 **transmission.**

11 **DECISION: C.P0098-300-0 v0.3 Upper Layers for cdma2000 Extended Cell High**
12 **Rate Packet Data Air Interface Specification (C00-20101025-130) was approved**
13 **without objection for extended V&V review by the 3GPP2 OPs and TSG-C**
14 **participants with comments due on or before Friday 3 December 2010. This**
15 **contribution was also liaised to TIA TR45.5.**

16 **DECISION: C.S0087-0 v2.0 E-UTRAN – cdma2000 HRPD Connectivity and Inter-**
17 **working Air Interface Specification (C00-20101025-131) was approved without**
18 **objection as republication text based on the WG2 certification that all changes were**
19 **editorial in nature. This contribution was also liaised to TIA TR45.5.**

20 **ACTION: The WG2 workload and schedule (C00-20101025-102A) was remanded**
21 **to WG1 as FYI.**

22 **ACTION: The WG2 response to other work planning issues (C00-20101025-102B)**
23 **was remanded to WG1 as FYI.**

- 24 • **WG3 REPORT:** The WG3 report (C00-20101025-103) was presented by WG3 Chair,
25 Sang Kim (LGE), as FYI.
- 26 • Documents Being Proposed for Publication:
 - 27 • C.P0057-E Band Class Specification for cdma2000 Spread Spectrum
 - 28 Systems
 - 29 • Documents Being Proposed for Re-Publication: NONE
 - 30 • Documents Being Proposed for V&V Review:
 - 31 • C.P0098-200-0 v0.3 Physical Layer for cdma2000 Extended Cell High
 - 32 Rate Packet Data Air Interface – extended V&V

- 1 • Documents Being Proposed as Baseline Text: NONE
- 2 • WG3 hosted the discussion on possible interference issues: channel number 777
- 3 Femto-cell transmission in B block with 894.31 MHz center frequency can cause
- 4 interference to Air-to-Ground (ATG) BTS reception in ATG C block with 894.75
- 5 MHz center frequency. WG-3 needs to spend more time to cautiously evaluate it.
- 6 • WG3 spent time to summarize recent development in Smart Grid-related activities.
- 7 In addition, proposed communication text to Smart Grid Interoperability Panel's
- 8 Priority Action Plan 2, Wireless Communications for Smart Grid was discussed
- 9 and approved to submit to the closing Plenary.

10 **DECISION: C.P0057-E Band Class Specification for cdma2000 Spread Spectrum**
11 **Systems (C00-20101025-109) was approved without objection for publication as**
12 **C.S0057-E v1.0 and liaised to TIA TR45.5.**

13 **DECISION: C.P0098-200-0 v0.3 Physical Layer for cdma2000 Extended Cell High**
14 **Rate Packet Data Air Interface (C00-20101025-110R1) was approved without**
15 **objection for extended V&V review by the 3GPP2 OPs and TSG-C participants**
16 **with comments due on or before Friday 3 December 2010. This contribution was**
17 **also liaised to TIA TR45.5.**

18 **DECISION: Proposed correspondence to SGIP PAP2 regarding PAP2 (C00-**
19 **20101025-135) was approved without objection to be liaised to TIA TR45.5.**

- 20 • **WG4 REPORT:** The WG4 report (C00-20101025-104) was presented by WG4 Co-
21 Chair, Dave Whipple (Agilent), as FYI.
- 22 • Documents Being Proposed for SC Level Review: NONE
- 23 • Documents Being Proposed for V&V Review:
 - 24 • C.P0096-0 v0.8 Recommended Minimum Performance Standards for
 - 25 Mobile Stations that support Simultaneous Voice and High Rate Packet
 - 26 Data
- 27 • Document Proposed as Baseline Text:
 - 28 • C.P0011-D v0.7 Recommended Minimum Performance Standards for
 - 29 cdma2000 Spread Spectrum Mobile Stations
 - 30 • C.P0033-C v0.7 Recommended Minimum Performance Standards for
 - 31 cdma2000 High Rate Packet Data Access Terminal

32 **DECISION: C.P0096-0 v0.8 Recommended Minimum Performance Standards for**
33 **Mobile Stations that support Simultaneous Voice and High Rate Packet Data (C00-**
34 **20101025-112) was approved without objection for V&V review by the 3GPP2 OPs**
35 **and TSG-C participants with comments due on or before Friday 3 December 2010.**
36 **This contribution was also liaised to TIA TR45.5.**

1 **DECISION: C.P0011-D v0.7 Recommended Minimum Performance Standards for**
2 **cdma2000 Spread Spectrum Mobile Stations (C00-20101025-113) was approved**
3 **without objection as baseline text and remanded back to WG4 for R&F.**

4 **DECISION: C.P0033-C v0.7 Recommended Minimum Performance Standards for**
5 **cdma2000 High Rate Packet Data Access Terminal (C00-20101025-114) was**
6 **approved without objection as baseline text and remanded back to WG4 for R&F.**

- 7 • **ITU ADHOC REPORT:** The ITU AdHoc Report (C00-20101025-105) was presented
8 by ITU AdHoc Vice-Chair, Tao Chen (Qualcomm), as FYI.

9 **DECISION: Proposed Liaison to WP5A on DG5A2-1 BWA Volume of Land**
10 **Mobile Handbook (C00-20101025-111) was approved without objection to be liaised**
11 **to TIA TR45.5.**

- 12 • **TSG-C MANAGEMENT OBJECT ADHOC (CMOAHG) REPORT: DID NOT**
13 **MEET**

14 The Acting Chair announced that CMOAHG will meet on Monday afternoon in Oahu, HI
15 during the 1:30-2:30 PM time slot local time.

16 **13. LIAISON REPORTS:**

- 17 • **OP:** No contributions or discussions.
- 18 • **SC:** No contributions or discussions.
- 19 • **3GPP2 SECRETARIAT:** The following contributions were discussed:
 - 20 • E-mail correspondence dated 26 October 2010 regarding SC level review for
21 C.S0014-D v3.0 Enhanced Variable Rate Codec, Speech Service Options 3, 68,
22 70, and 73 for Wideband Spread Spectrum Digital Systems (C00-20101025-122)
23 was presented from the 3GPP2 Secretariat as FYI for TSG-C.
 - 24 • E-mail correspondence dated 26 October 2010 regarding V&V review for
25 C.P0070-0 v0.9 BCMCS Codecs and Transport Protocols (C00-20101025-123)
26 was presented from the 3GPP2 Secretariat as FYI for TSG-C.
- 27 • **TSG-A:** The following contributions were discussed:
 - 28 • Correspondence dated 25 October 2010 regarding 3GPP2 Appreciation of TSG-A
29 Professional Editor (C00-20101025-107) was presented from TSG-A as FYI for
30 TSG-C.
 - 31 • Correspondence to the Metro Ethernet Forum dated 25 October 2010 regarding
32 MEF 22.1 Mobile Backhaul Implementation Agreement Phase 2 initial draft
33 (C00-20101025-108) was presented from TSG-A as FYI for TSG-C.

- 1 • Correspondence to Metro Ethernet Forum dated 28 October 2010 regarding MEF
2 22.1 Mobile Backhaul Implementation Agreement Phase 2 initial draft (C00-
3 20101025-121) was presented from TSG-A as FYI for TSG-C.
- 4 • **TSG-S:** The following contributions were discussed:
- 5 • The TSG-S Liaison Report for October 2010 (C00-20101025-115) was presented
6 from the TSG-S Liaison as FYI for TSG-C. The Secretary noted that there were
7 no WIs released for TSG Review this month.
- 8 • Correspondence to TIA TR45.8 dated 28 October 2010 regarding S.P0117-A
9 V&V Comment Resolution (C00-20101025-116) was presented from TSG-S as
10 FYI for TSG-C.
- 11 • Correspondence to SC Chair dated 28 October 2010 regarding TSG S
12 Recommendations for 3GPP2 System Release 6 (C00-20101025-117) was
13 presented from TSG-S as FYI for TSG-C.
- 14 • Correspondence dated 28 October 2010 regarding TSG-S Comments on TSGC-
15 111 Work Item (C00-20101025-118) was presented from TSG-S. **ACTION:**
16 **This contribution was remanded to WG1 as FYI.**
- 17 • Correspondence dated 28 October 2010 regarding WI 3GPP2-00263 Architectural
18 Impacts (C00-20101025-119) was presented from TSG-S. **ACTION: This**
19 **contribution was remanded to WG1 and WG2 as FYI.**
- 20 • Correspondence to all TSGs dated 28 October 2010 regarding pre-publication
21 review of SC.R2006-002-0 v0.27 System Release Guide for Release 6 of the
22 cdma2000 System Specifications (C00-20101025-120) was presented from TSG-
23 S as FYI for TSG-C.
- 24 • **TSG-X:** No contributions or discussions.
- 25 • **TIA:** No contributions or discussions.
- 26 • **ITU:** No contributions or discussions.
- 27 • **CDG:** No contributions or discussions.
- 28 • **3GPP:** No contributions or discussions.
- 29 • **OMA:** No contributions or discussions.
- 30 • **OTHER:** No contributions or discussions.
- 31 **14. OLD BUSINESS (continued):** No contributions or discussions.
- 32 **15. NEW BUSINESS (continued):** No contributions or discussions.

1 16. **FUTURE MEETING SCHEDULE:**

6-10 December 2010	Hyatt Regency Waikiki Hotel in Oahu, HI
24-28 January 2011	TBD (North America)
28 March – 1 April 2011	Korea

2 17. **OPEN DISCUSSION AND OTHER BUSINESS:** The Chair reminded the TSG-C participants
3 that elections for TSG-C Chair and Vice-Chairs for the next 2-year term will be held at the
4 closing Plenary of the Oahu, HI meeting on Thursday 9 December 2010. **ACTION:**
5 **Candidates for the positions of TSG- C Chair and Vice-Chairs for the 2011-2012 term are**
6 **requested to note their candidacy and include letters of support for their company to the**
7 **TSG-C Chair e-mail exploder (tsgc_chair@3gpp2.org). Interested parties have until the**
8 **beginning of the elections to announce their candidacy.**

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

11 101025-001 Correspondence to all TSGs dated 15 October 2010 regarding M2M Numbering
12 Input (C00-20101025-007) from the SC M2M Numbering AdHoc was remanded to WG1
13 and WG2 for review and comment with comments to be coordinated by WG1 in
14 preparation for TSG-C response as an output of the December 2010 meeting.

15 101025-002 A contribution regarding considerations for femto cell deployment concerning out
16 of band emissions in the 894 MHz Air to Ground frequency band (C00-20101025-
17 031R1) from Aircell was remanded to WG3 and WG4 for review and comment regarding
18 applicable 3GPP2 specifications with comments to be coordinated by WG3.

19 101025-003 Volunteers for the position of TSG-C SWG1.1 Chair are requested to submit their
20 candidacy to the TSG-C WG1 Chair.

21 101025-004 Proposed modifications to the TSG-C WI Process Guidelines (C00-20101025-
22 133) were presented. This contribution was held OPEN at the Plenary for further
23 discussion and decision at the December 2010 meeting. The Plenary should also decide
24 whether or not this document should be published with a formal 3GPP2 document
25 number or not.

26 101025-005 All TSG-C member companies should investigate which APersistence class value
27 is used by the “test” access terminal. Member companies are requested to report their
28 findings at the December 2010 face-to-face meeting. Based on received input, SWG2.1
29 will discuss which APersistence class value should be assigned to the AT for test
30 purposes. Additional information can be found in C20-20101025-101.

31 101025-006 Candidates for the positions of TSG- C Chair and Vice-Chairs for the 2011-2012
32 term are requested to note their candidacy and include letters of support for their
33 company to the TSG-C Chair e-mail exploder (tsgc_chair@3gpp2.org). Interested parties
34 have until the beginning of the elections at the closing Plenary to announce their
35 candidacy.

1 19. **ADJOURNMENT:** The Plenary was adjourned on 29 October 2010 at 11:01 AM local time.

2

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20101025-			
* Contribution was remanded in advance to this WG/AdHoc			
000	DOCUMENT REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVED
002	TSG-C Meeting Summary - September 2010 –Fukuoka, Japan	SECRETARY	APPROVED
003	TSG-S Document Status Table – September 2010	TSG-S	FYI
004	E-mail correspondences with TSG Chairs regarding next steps in publication of GREEN and M2M Study Reports	TSG-S SECRETARY	FYI
005	Correspondence to Broadband Forum dated 17 September 2010 regarding New Root data model in TR-069 family of specifications	TSG-X	FYI
006	Correspondence to TSG-S dated 17 September 2010 regarding Review comments	TSG-X	FYI
007	Correspondence to all TSGs dated 15 October 2010 regarding M2M Numbering Input	SC M2M NUMBERING ADHOC	WG1* WG1, WG2
008	E-mail correspondences regarding SC level review and approval of C.S0010-D v1.0 Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Base Stations	3GPP2 SECRETARIAT	FYI
009	E-mail correspondences regarding SC level review and approval of C.S0032-C v1.0 Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access Network	3GPP2 SECRETARIAT	FYI
010	E-mail correspondences regarding SC level review and approval of C.S0043-A v1.0 Signaling Conformance Test Specification for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI
011	E-mail correspondences regarding SC level review and approval of C.S0099-0 v1.0 Guidelines for using cdma2000 1x Revision E Features on Earlier Revisions	3GPP2 SECRETARIAT	FYI
012	E-mail correspondence dated 21 September 2010 regarding V&V review of C.P0048-A v0.9 Mobile Equipment (ME) Conformance Testing with R-UIM for cdma2000 Spread Spectrum Standards	3GPP2 SECRETARIAT	FYI

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20101025-			
* Contribution was remanded in advance to this WG/AdHoc			
013	E-mail correspondence dated 21 September 2010 regarding V&V review of C.P0057-E v0.2 Band Class Specification for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI
014	E-mail correspondence dated 21 September 2010 regarding V&V review of cdma2000 Extended Cell High Rate Packet Data Air Interface Specification (3 volumes)	3GPP2 SECRETARIAT	FYI
015	E-mail correspondences to the 3GPP2 OPs regarding M.1457-10 Submission including updated attachments	3GPP2 SECRETARIAT	FYI
016	Undated LS on X.oacms - overall aspects of countering messaging spam in mobile networks	ITU-T SG17	ITU ADHOC* , WG1, WG2, ITU
017	Project Number Assignments October 2010	WG1 CHAIR	FYI
018	Document Number request	WG4	R1 APPROVAL WG1*
019	Correspondence to TSG-S dated 13 September 2010 regarding TSG-A Work Item, Stage 1, LS, and SC Documents for Review	TSG-A	WG1*
020	TIA ballot comments regarding C.P0098-100-0 v0.1 Introduction to Extended Cell High Rate Packet Data (xHRPD) Air Interface Specification	TIA TR45.5	WG2
021	TIA ballot comments regarding C.P0098-200-0 v0.1 Physical Layer for Extended Cell High Rate Packet Data (xHRPD) Air Interface Specification	TIA TR45.5	R2 WG3
022	TIA ballot comments regarding C.P0098-300-0 v0.1 Upper Layers for Extended Cell High Rate Packet Data (xHRPD) Air Interface Specification	TIA TR45.5	R1 WG2
023	TIA ballot comments regarding C.P0057-E Band Class Specification for cdma2000 Spread Spectrum Systems	TIA TR45.5	WG3

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20101025-			
* Contribution was remanded in advance to this WG/AdHoc			
024	TIA ballot comments regarding C.P0048-A Mobile Equipment (ME) Conformance Testing with R-UIM for cdma2000 Spread Spectrum Standards	TIA TR45.5	WG1
025	ITU-R WP5D Report	TIA TR45.5	ITU ADHOC
026	LS dated October 2011 regarding Dynamic Adaptive Streaming over HTTP (DASH)	ISO/IEC JTC1/SC29/WG11	FYI
027	Proposed WI for HRPD-Rev C Point Release	ALCATEL-LUCENT, HITACHI, NCS, QUALCOMM, SAMSUNG, AND TELCORDIA	R1 WG1 WG2, WG3
028	C.P0014-D Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, and 73 for Wideband Spread Spectrum Digital Systems proposed publication text	WG1	APPROVED
029	C.P0070-0 v0.9 BCMCS Codecs and Transport Protocols proposed V&V text	WG1	APPROVED
030	Proposed response correspondence to TSG-A regarding RAN support for EVRC-NW, SO 73 (0049H)	WG1	WG1, WG2
031	Considerations for femto cell deployment concerning out of band emissions in the 894 MHz Air to Ground frequency band	AIRCELL	R1 WG3 WG3, WG4
032	Proposed WI for 1x - E-UTRAN Interworking Revision A (C.S0097-A)	HITACHI, KDDI, MOTOROLA, AND QUALCOMM	WG1 WG2, WG4
033	ITU-R WP 5A work on BWA Volume of Land Mobile Handbook	TIA TR45.5	ITU ADHOC
034	3GPP2 Workplan files – October 2010	3GPP2 SECRETARIAT	WG1 ALL WGs
CLOSING PLENARY – C00-20101025-			
* Contribution was remanded in advance to this WG/AdHoc			

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20101025-			
* Contribution was remanded in advance to this WG/AdHoc			
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	FYI
106	CMOAHG Report	CMOAHG	DID NOT MEET
107	Correspondence dated 25 October 2010 regarding 3GPP2 Appreciation of TSG-A Professional Editor	TSG-A	FYI
108	Correspondence to the Metro Ethernet Forum dated 25 October 2010 regarding MEF 22.1 Mobile Backhaul Implementation Agreement Phase 2 initial draft	TSG-A	FYI
109	C.P0057-E Band Class Specification for cdma2000 Spread Spectrum Systems proposed publication text	WG3	APPROVED
110	C.P0098-200-0 v0.3 Physical Layer for cdma2000 Extended Cell High Rate Packet Data Air Interface proposed extended V&V text	WG3	APPROVED R1
111	Proposed Liaison to WP5A on DG5A2-1 BWA Volume of Land Mobile Handbook	ITU ADHOC	APPROVAL
112	C.P0096-0 v0.8 Recommended Minimum Performance Standards for Mobile Stations that support Simultaneous 1x Voice and High Rate Packet Data proposed V&V text	WG4	APPROVED
113	C.P0011-D v0.7 Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Mobile Stations proposed baseline text	WG4	APPROVED
114	C.P0033-C v0.7 Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access Terminal proposed baseline text	WG4	APPROVED
115	TSG-S Liaison Report – October 2010	TSG-S LIAISON	FYI

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20101025-			
* Contribution was remanded in advance to this WG/AdHoc			
116	Correspondence to TIA TR45.8 dated 28 October 2010 regarding S.P0117-A V&V Comment Resolution	TSG-S	FYI
117	Correspondence to SC Chair dated 28 October 2010 regarding TSG-S Recommendations for 3GPP2 System Release 6	TSG-S	FYI
118	Correspondence dated 28 October 2010 regarding TSG-S Comments on TSGC-111 Work Item	TSG-S	WG1
119	Correspondence dated 28 October 2010 regarding WI 3GPP2-00263 Architectural Impacts	TSG-S	WG1, WG2
120	Correspondence to all TSGs dated 28 October 2010 regarding pre-publication review of SC.R2006-002-0 v0.27 System Release Guide for Release 6 of the cdma2000 System Specifications	TSG-S	FYI
121	Correspondence to Metro Ethernet Forum dated 28 October 2010 regarding MEF 22.1 Mobile Backhaul Implementation Agreement Phase 2 initial draft	TSG-A	FYI
122	E-mail correspondence dated 26 October 2010 regarding SC level review for C.S0014-D v3.0 Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, and 73 for Wideband Spread Spectrum Digital Systems	3GPP2 SECRETARIAT	FYI
123	E-mail correspondence dated 26 October 2010 regarding V&V review for C.P0070-0 v0.9 BCMCS Codecs and Transport Protocols	3GPP2 SECRETARIAT	FYI
124	C.P(S)0022-B v2.0 Position Determination Service for cdma2000 Spread Spectrum Systems proposed publication text	WG1	APPROVED
125	C.P(R)022-B v2.0 Position Determination Service for cdma2000 Spread Spectrum Systems Software Distribution proposed publication text	WG1	APPROVED
126	Proposed correspondence to TSG-S regarding SRG Work Item and Document association	WG1	APPROVED

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20101025-			
* Contribution was remanded in advance to this WG/AdHoc			
127	C.P0102-0 1.HRPD Air Interface Application Layer Security (AALS) Air Interface Aspects proposed baseline text	WG2	APPROVED
128	Proposed changes to Assignment of Access Overload Classes in Cellular Telecommunications	WG2	APPROVED
129	Proposed correspondence to TSG-A regarding RAN support for EVRC-NW, SO 73 (0049H)	WG2	APPROVED
130	C.P0098-300-0 v0.3 Upper Layers for cdma2000 Extended Cell High Rate Packet Data Air Interface Specification proposed extended V&V text	WG2	APPROVED
131	C.S0087-0 v2.0 E-UTRAN – cdma2000 HRPD Connectivity and Inter-working Air Interface Specification proposed republication text	WG2	APPROVED
132	Proposed correspondence to PMT coordinator regarding Workplan Questions	WG1	APPROVED
133	Proposed modifications to the TSG-C WI Process Guidelines	WG1	CARRIED FORWARD
134	C.P0048-A v1.0 Mobile Equipment (ME) Conformance Testing with RUM for cdma2000 Spread Spectrum Standards proposed publication text	WG1	APPROVED
135	Proposed correspondence to SGIP PAP2 regarding PAP2	WG3	APPROVED

3GPP2 QUORUM ROLL CALL TSG-C (cdma2000 Air Interface) Tampa, FL, USA 29-Oct-10							
INDIVIDUAL MEMBER COMPANY	Opening	Closing	Consec Mtgs Missed	Voting Status	Quorum Status	Voting Status	Quorum Status
	10/25/2010	10/29/2010	Including this Mtg	This Meeting	This Meeting	Next Meeting*	Next Meeting*
AGILENT TECHNOLOGIES	1		0	1	1	1	1
AIRCELL	1		0	1	1	1	1
AIRVANA			3	1	1	0	0
ALCATEL-LUCENT	1		0	1	1	1	1
CHINA TELECOM	1		0	1	1	1	1
COMPRION	1		0	0	0	1	1
DBSD			3	0	0	0	0
ERICSSON	1		0	1	1	1	1
GEMALTO			1	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
LG U+	1		0	1	1	1	1
LIGHTSQUARED	1		0	1	1	1	1
MOTOROLA	1		0	1	1	1	1
NEC			1	1	1	1	1
NCS			1	0	0	0	0
QUALCOMM	1		0	1	1	1	1
RESEARCH IN MOTION			2	1	1	1	1
RITCOE	1		0	1	1	1	1
RITT	1		0	1	0	1	1
ROHDE & SCHWARZ	1		0	1	1	1	1
SAMSUNG	1		0	1	1	1	1
SIERRA WIRELESS			2	1	1	1	1
SPIRENT COMMUNICATIONS		1	0	0	0	1	0
SPRINT/NEXTEL	1		0	1	1	1	1
TELCORDIA	1		0	0	0	1	1
VERIZON WIRELESS	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	21	0		27	26	29	28
QUORUM CALCULATION	81%	0%					
ADDITIONS							
NSN	1						
GUESTS OR OBSERVERS							
ARIB							
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.