

1 **Title:**

2 **APPROVED SUMMARY OF TSG-C MEETING**
3 **for 5-9 December 2011 in Kohala Coast, HI, 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 5-9 December 2011 in Kohala Coast, HI, USA.

20 **Recommendations:**

21 For review and approval.
22
23

1 During the period of 5-9 December 2011, 3GPP2 TSG-C meetings were held at the Fairmont Orchid
2 Hotel in Kohala Coast, HI, 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 5 December 2011 at 9:16 AM local time by TSG-C Chair, Ed Tiedemann (Qualcomm).

7 The Chair welcomed everyone to Kohala Coast.

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 17 companies included on the list of 23 active quorum members were present (74%
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 (C00-20111205-000R1).

16 4. **AGENDA APPROVAL:** The proposed agenda (C00-20111205-001R1) was presented.

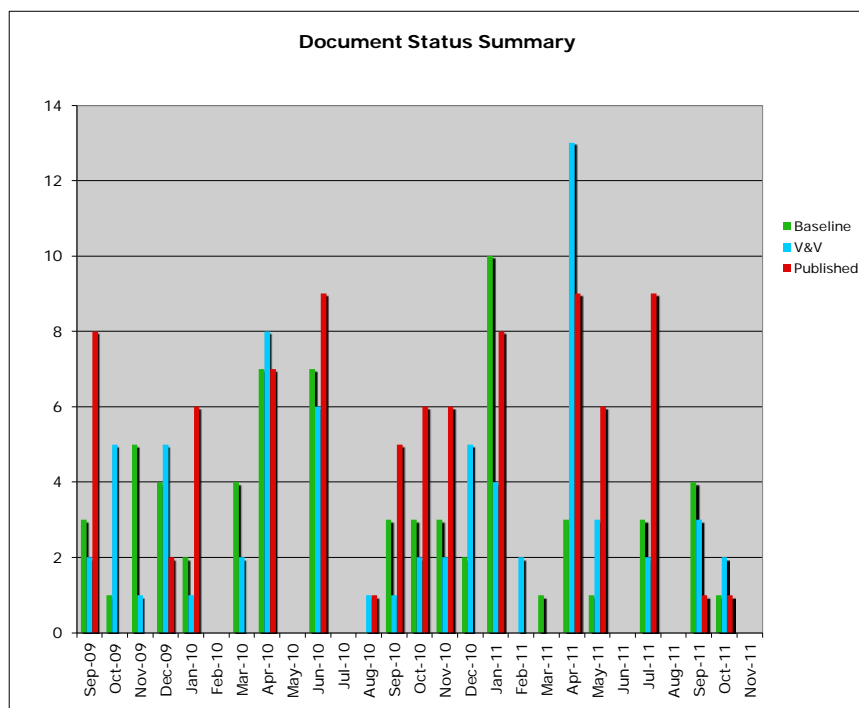
17 The Chair noted the following additional activities this week:

- 18 • CMOAHG will not meet this week.
- 19 • WG2 will start on Monday 5 December 2011 at 1:30 PM local time.
- 20 • WG1 will start on Monday 5 December 2011 at 3:30 PM local time.
- 21 • WG3 will start on Tuesday 6 December 2011 at 8:30 AM local time.
- 22 • SWG4.2 will meet on Wednesday and Thursday in the 3GPP2 Office.
- 23 • SWG4.1 followed by WG4 will meet on Thursday 8 December 2011 at 2:00 PM local
24 time in the 3GPP2 Office.
- 25 • Joint TSG meeting regarding M2M SRD hosted by TSG-S WG1 will be held on Monday
26 5 December 2011 during the 5-7 PM time slot in TSG-C Plenary Room.
- 27 • A meeting of the TSG-S Vision AdHoc will be held on Tuesday 6 December 2011 during
28 the NOON-1:00 PM time slot in TSG-S Plenary Room.
- 29 • A meeting of the SC 2012 Workshop Planning AdHoc will be held on Tuesday
30 6 December 2011 during the 5-6:30 PM time slot in TSG-C Plenary Room.
- 31 • The ITU AdHoc will meet on Tuesday at 10:30 AM and on Thursday at 8:30 AM in the
32 WG3 meeting room.

- 1 • The TSG-C Chair’s meeting will be held on Wednesday 7 December 2011 at 7:30 AM in
- 2 the TSG-C WG1 meeting room.
- 3 • A joint TSG meeting will be held in the TSG-X Plenary room on Wednesday
- 4 7 December 2011 during the 8:30-NOON time slot to discuss M2M architecture issues.
- 5 • 3GPP2 Member Appreciation Dinner 2011 will be held on Wednesday 7 December 2011
- 6 during the 6:00-8:00 PM time slot in the Wailana Garden.

7 **DECISION: The agenda was approved without objection as modified by the discussion**
 8 **(C00-20111205-001R2).**

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 SUMMARIES:** The following meeting summaries
- 14 were deferred for consideration at the closing Plenary:
- 15 • TSG-C meeting for September 2011 that was held in Chengdu, China (C00-20111205-
- 16 002)
- 17 • TSG-C Interim Plenary conference call on 31 October 2011 (C00-20111205-025)

- 1 7. **REVIEW OF OUTSTANDING ACTIONS FROM PREVIOUS MEETING:** The action
2 items from the September 2011 face-to-face meeting were noted as follows:

3 110523-003 The WG2 Chair, in conjunction with WG4, will recommend a process to the
4 Plenary to update E-UTRAN – cdma2000 Interworking documents as official features are
5 requested and 3GPP updates are made (e.g., Is a 3GPP2 revision mapped to a 3GPP
6 release?).

7 This action was held OPEN until the closing Plenary.

8 110926-001 The TSG-C Leadership Team was assigned an action to make a recommendation
9 to the Plenary regarding the number of face-to-face meetings required by TSG-C for
10 discussion at the meeting in December 2011.

11 This action was held OPEN until the closing Plenary.

12 8. **LIAISON REPORTS:**

- 13 • **OP:** No contributions or discussion.
- 14 • **SC:** Correspondence to TIA TR45 dated 15 October 2011 regarding SC.R4005-0 v1.0
15 cdma2000 M2M Numbering Recommendations SRD for Publication (C00-20111205-
16 010) was presented from the SC M2M Numbering AdHoc as FYI for TSG-C.
- 17 • **3GPP2 SECRETARIAT:** The following contributions were discussed:
- 18 • E-mail correspondences regarding SC level review and approval of C.S0036-A
19 v1.0 Recommended Minimum Performance Specification for Mobile Stations
20 with Position Service (C00-20111205-011) was presented from the 3GPP2
21 Secretariat as FYI for TSG-C.
- 22 • E-mail correspondences regarding SC level review and approval of C.S0098-200-
23 0 v1.0 Physical Layer for cdma2000 Extended Cell High Rate Packet Data Air
24 Interface (C00-20111205-012) was presented from the 3GPP2 Secretariat as FYI
25 for TSG-C.
- 26 • E-mail correspondence dated 1 November 2011 regarding V&V initiation for
27 C.P0010-E v0.8 Recommended Minimum Performance Standards for cdma2000
28 Spread Spectrum Base Stations (C00-20111205-013) was presented from the
29 3GPP2 Secretariat as FYI for TSG-C.
- 30 • E-mail correspondence dated 4 October 2011 regarding V&V initiation for
31 C.P0018-E v0.9 Minimum Performance Specification for the Enhanced Variable
32 Rate Codec, Speech Service Options 3, 68, 70, 73 and 77 for Wideband Spread
33 Spectrum Digital Systems (C00-20111205-014) was presented from the 3GPP2
34 Secretariat as FYI for TSG-C.

- 1 • E-mail correspondence dated 1 November 2011 regarding V&V initiation for
2 C.P0023-D v1.9 Removable User Identity Module for Spread Spectrum Systems
3 (C00-20111205-015) was presented from the 3GPP2 Secretariat as FYI for
4 TSG-C.
- 5 • E-mail correspondence dated 3 October 2011 regarding V&V initiation for
6 C.P1008-0 v1.9 cdma2000Multimedia Services Evaluation Methodology (C00-
7 20111205-016) was presented from the 3GPP2 Secretariat as FYI for TSG-C.
- 8 • E-mail correspondence dated 3 October 2011 regarding V&V initiation for
9 C.P1009-0 v1.9 cdma2000 Multimedia Services Evaluation Methodology:
10 Software Tools (C00-20111205-017) was presented from the 3GPP2 Secretariat
11 as FYI for TSG-C.
- 12 • 3GPP2 Workplan files – December 2011 (C00-20111205-018) was presented
13 from the 3GPP2 Secretariat. **ACTION: This contribution was remanded to all**
14 **WGs for review and comment with comments to be coordinated by WG1.**
- 15 • V&V comments regarding C.P0023-D v1.9 Removable User Identity Module for
16 Spread Spectrum Systems (C00-20111205-026) was presented from the 3GPP2
17 Secretariat. **ACTION: This contribution was remanded to WG1 for review**
18 **and action as appropriate.**
- 19 • **TSG-A:** No contributions or discussion.
- 20 • **TSG-S:** The following contributions were discussed:
- 21 • The TSG-S Document Status Table for July 2011 (C00-20111205-006) was
22 presented from TSG-S as FYI for TSG-C.
- 23 • Correspondence to Femto Forum dated 11 November 2011 regarding Joint Press
24 Release Announcement for publication of 3GPP2 S.R0139-0 Femtocell Systems
25 Overview for cdma2000 Wireless Communication Systems (C00-20111205-007)
26 was presented from TSG-S as FYI to TSG-C.
- 27 • TSG-S correspondence to all TSGs dated 11 November 2011 regarding Release
28 of WI(s) for TSG Review (C00-20111205-008) was presented from TSG-S.
29 **ACTION: This contribution was remanded to all WGs for review and**
30 **comment with comments to be coordinated by WG1.**

- 1 • **TSG-X:** Correspondence to Broadband Forum Technical Committee dated 11 November
2 2011 regarding new work items in Broadband Forum concerning Machine-to-Machine
3 (M2M) solutions (C00-20111205-009) was presented from TSG-X as FYI for TSG-C.
- 4 • **TIA:** The following contributions were discussed:
- 5 • TIA ballot comments regarding C.P1008-0 v1.9 cdma2000 Multimedia Services
6 Evaluation Methodology (C00-20111205-019) was presented from TIA TR45.5.
7 **ACTION: This contribution was remanded to WG1 for review and action as**
8 **appropriate.**
- 9 • TIA ballot comments regarding C.P1009-0 v1.9 cdma2000 Multimedia Services
10 Evaluation Methodology: Software Tools (C00-20111205-020) was presented
11 from TIA TR45.5. **ACTION: This contribution was remanded to WG1 for**
12 **review and action as appropriate.**
- 13 • TIA ballot comments regarding C.P0018-E v0.9 Minimum Performance
14 Specification for the Enhanced Variable Rate Codec, Speech Service Options 3,
15 68, 70, 73 and 77 for Wideband Spread Spectrum Digital Systems (C00-
16 20111205-021) was presented from TIA TR45.5. **ACTION: This contribution**
17 **was remanded to WG1 for review and action as appropriate.**
- 18 • TIA Legal comments regarding C.P0024-200-C Physical Layer for cdma2000
19 High Rate Packet Data Air Interface Specification (C00-20111205-030) was
20 presented from TIA TR45.5. **ACTION: This contribution was remanded to**
21 **WG3 for review and action as appropriate.**
- 22 • ITU-T SG13 request for information on Recommendation Q.1742.10 (C00-
23 20111205-031) was presented from TIA TR45.5. **ACTION: This contribution**
24 **was remanded to WG3 (the ITU AdHoc) for review and action as**
25 **appropriate.**
- 26 • ITU-T SG13 Item in ITU-T Q.3/13 Work Programme concerning Machine
27 Oriented Communication (MOC) (C00-20111205-032) was presented from TIA
28 TR45.5. **ACTION: This contribution was remanded WG3 (to the ITU**
29 **AdHoc) for review and action as appropriate.**
- 30 • TIA ballot comments regarding C.P0010-E Recommended Minimum
31 Performance Standards for cdma2000 Spread Spectrum Base Stations (C00-
32 20111205-033) was presented from TIA TR45.5. **ACTION: This contribution**
33 **was remanded to WG4 for review and action as appropriate.**
- 34 • TIA ballot comments regarding C.P0023-D Removable User Identity Module for
35 Spread Spectrum Systems proposed Ballot (C00-20111205-034) was presented
36 from TIA TR45.5. **ACTION: This contribution was remanded to WG1 for**
37 **review and action as appropriate.**

- 1 • **ITU:** The following contributions were discussed:
- 2 • LS dated 21 October 2011 regarding request for feedback on attached draft
3 revision of Supplement 62 to ITU-T Q series Recommendations (C00-20111205-
4 022) was presented from ITU-T SG11. **ACTION: This contribution was**
5 **remanded to WG3 (ITU AdHoc) for review and action as appropriate.**
- 6 • LS dated 9 November 2011 regarding revision of Recommendation ITU-T P.501
7 including fullband speech signals (C00-20111205-023) was presented from ITU-
8 T SG12. **ACTION: This contribution was remanded to WG1 and WG4 as**
9 **FYI.**
- 10 • LS dated 21 October 2011 regarding request for information on Recommendation
11 Q.1742.10 IMT 2000 References to ANSI-41 evolved Core Network with
12 cdma2000 Access Network (C00-20111205-024) was presented from ITU-T
13 SG11. **ACTION: This contribution was remanded to WG3 (ITU AdHoc) for**
14 **review and action as appropriate.**
- 15 • **CDG:** The following contributions were discussed:
- 16 • V&V comments regarding C.P0023-D v1.9 Removable User Identity Module for
17 Spread Spectrum Systems (C00-20111205-027) was presented from CDG.
18 **ACTION: This contribution was remanded to WG1 for review and action as**
19 **appropriate.**
- 20 • V&V comments regarding C.P0023-D v1.9 Removable User Identity Module for
21 Spread Spectrum Systems. (C00-20111205-029) was presented from CDG and
22 Qualcomm. **ACTION: This contribution was remanded to WG1 for review**
23 **and action as appropriate.**
- 24 • **OMA:** No contributions or discussion.
- 25 • **3GPP/ETSI:** No contributions or discussion.
- 26 • **OTHER:** Summary of SGIP PAP2 2011 Activities since October 2011 (C00-20111205-
27 028R1) was presented by the TIA TR45 PAP Liaison. **ACTION: This contribution**
28 **was remanded to WG3 as FYI.**

29 9. WORKING GROUP REPORTS:

- 30 • **WG1 REPORT:** A verbal report of WG1 activities and their plans for the week was
31 presented by WG1 Chair, Doug Dunn (Kyocera), as FYI.
32 TSG-C Document Log (C00-20111205-003) was noted as FYI for TSG-C.
33 TSG-C Work Item Review Status Log (C00-20111205-004) was noted as FYI for TSG-C.
- 34 • **WG2 REPORT:** A verbal report of WG2 activities and their plans for this week was
35 presented by WG2 Chair, Orlett Pearson (Alcatel-Lucent), as FYI.

1 No actions were requested from the Plenary at this time.

- 2 • **WG3 REPORT:** A verbal report of the WG3 activities and their plans for this week was
3 presented by the WG3 Chair, Sang Kim (LGE), as FYI.

4 No actions were requested from the Plenary at this time.

- 5 • **WG4 REPORT:** A verbal report of WG4 activities and their plans for this week was
6 presented by WG4 Co-Chair, David Whipple (Agilent), as FYI.

7 **DECISION: A document number request (C00-20111205-005) was approved**
8 **without objection and remanded to WG1 for action.**

- 9 • **ITU REPORT:** NO REPORT

- 10 • **TSG-C MANAGEMENT OBJECT ADHOC (CMOAHG) REPORT:** NO REPORT

11 10. **OLD BUSINESS:** No contributions or discussion.

12 11. **NEW BUSINESS:** No contributions or discussion.

13 This session was recessed on 5 December 2011 at 10:59 PM local time.

16 **CLOSING PLENARY:**

17 The meeting was reconvened on Friday 9 December 2011 at 8:40 AM local time by TSG-C Chair, Ed
18 Tiedemann (Qualcomm).

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

21 6. **APPROVAL OF PREVIOUS MEETING SUMMARIES:**

22 **DECISION: The following meeting summaries were approved without objection:**

- 23 • **TSG-C meeting for September 2011 that was held in Chengdu, China (C00-**
24 **20111205-002)**

- 25 • **TSG-C Interim Plenary conference call on 31 October 2011 (C00-20111205-025)**

26 12. **WORKING GROUP REPORTS:**

- 27 • **WG1 REPORT:** The WG1 report (C00-20111205-101R1) was presented by the WG1
28 Chair, Doug Dunn (Kyocera), as FYI.

- 29 • Documents Being Proposed for SC Level Review:

- 30 • C.P1008-0 v2.0 cdma2000 Multimedia Services Evaluation Methodology
31 proposed publication text (to be published as C.R1008-0 v2.0, TSGC-172)

- 1 • C.P1009-0 v2.0 cdma2000 Multimedia Services Evaluation Methodology:
2 Software Tools proposed publication text (to be published as C.R1009-0
3 v2.0, TSGC-172)
- 4 • C.P0014-E v1.0 Enhanced Variable Rate Codec, Speech Service Options 3,
5 68, 70, 73 and 77 for Wideband Spread Spectrum Digital Systems
6 proposed publication text (to be published as C.S0014-E v1.0, TSGC-
7 142)
- 8 • C.P0018-E v1.0 Minimum Performance Specification for the Enhanced
9 Variable Rate Codec, Speech Service Options 3, 68, 70, 73 and 77 for
10 Wideband Spread Spectrum Digital Systems proposed publication text (to
11 be published as C.S0018-E v1.0, TSGC-142)
- 12 • C.P0023-D v2.0 Removable User Identity Module for Spread Spectrum
13 Systems proposed publication text (to be published as C.S0023-D v2.0,
14 TSGC-145)
- 15 • Documents Being proposed for republication text: NONE
- 16 • Documents Being Proposed for V&V:
 - 17 • C.P0049-A v0.10 Removable User Identity Module Conformance Testing
18 for Spread Spectrum Systems proposed V&V text (to be published as
19 C.S0049-A v1.0, TSGC-148)
 - 20 • C.P0028-B v0.9 Software Distribution for TTY/TDD Minimum
21 Performance Specification proposed V&V text (to be published as
22 C.R0028-B v1.0, TSGC-164)
- 23 • Documents Being Proposed for Baseline:
 - 24 • C.P0016-D v1.14 Over-the-Air Service Provisioning of Mobile Stations in
25 Spread Spectrum Standards proposed baseline (to be published as
26 C.S0016-D v2.0, TSGC-155)
- 27 • Also progressed the development of the following:
 - 28 • C.P01xx v1.0 Unstructured Supplementary Service Data (USSD) Service
29 Options for Spread Spectrum Systems: Service Options 78 and 79
 - 30 • C.P01xx v1.0 Mobile Equipment (ME) Conformance Testing with CDMA
31 Card Application Toolkit
 - 32 • C.S0035 CDMA Card Application Toolkit (CCAT)
 - 33 • C.S0101 Mobile Equipment (ME) Conformance Testing with CSIM for
34 cdma2000 Spread Spectrum Standards
- 35 • The following new document number assignments were included in the latest
36 version of the TSG-C document log (C00-20111205-003):

TSG-C Document #	Document Title	Supported TSG-C WIs	Supported 3GPP2 WIs
C.S0010-E	Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Base Stations	TSGC-126 TSGC-173 TSGC-174	

DECISION: The following TSG-C WI(s) were approved at this session and were approved to be forwarded to the PMT.

3GPP2 WI #	Title
NONE	

DECISION: C.P1008-0 cdma2000 Multimedia Services Evaluation Methodology (C00-20111205-123) was approved without objection for publication as C.R1008-0 v2.0 and liaised to TIA TR45.5.

DECISION: C.P1009-0 cdma2000 Multimedia Services Evaluation Methodology: Software Tools (C00-20111205-124) was approved without objection for publication as C.R1009-0 v2.0 and liaised to TIA TR45.5.

DECISION: C.P0014-E Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, 73 and 77 for Wideband Spread Spectrum Digital Systems (C00-20111205-125) was approved without objection for publication as C.S0014-E v1.0 and liaised to TIA TR45.5.

DECISION: C.P0018-E Minimum Performance Specification for the Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, 73 and 77 for Wideband Spread Spectrum Digital Systems (C00-20111205-126) was approved without objection for publication as C.S0018-E v1.0 and liaised to TIA TR45.5.

DECISION: C.P0023-D Removable User Identity Module for Spread Spectrum Systems (C00-20111205-127) was approved without objection for publication as C.R0023-D v2.0 and liaised to TIA TR45.5.

DECISION: C.P0049-A v0.1 R-UIM Conformance Testing for Spread Spectrum Systems (C00-20111205-128) was approved without objection for V&V review by the 3GPP2 OPs and TSG-C participants with comments due on or before Friday 20 January 2012 and liaised to TIA TR45.5.

DECISION: C.P0028-B v0.9 Software Distribution for TTY/TDD Minimum Performance Specification (C00-20111205-129) was approved without objection for V&V review by the 3GPP2 OPs and TSG-C participants with comments due on or before Friday 20 January 2012 and liaised to TIA TR45.5.

DECISION: C.P0016-D v1.14 Over-the-Air Service Provisioning of Mobile Stations in Spread Spectrum Standards (C00-20111205-130) was approved without objection for as baseline text and remanded back to WG1 for R&F.

DECISION: Proposed correspondence to TSG-S regarding TSG-C review of 3GPP2 WIs (C00-20111205-131) was approved without objection for transmission.

DECISION: Proposed correspondence to the PMT coordinator regarding work plan questions (C00-20111205-132) was approved without objection for transmission.

DECISION: Proposed correspondence to ETSI regarding Tag Value Reservation request in ETSI TS 101 220 (C00-20111205-133) was approved without objection for transmission.

DECISION: WG1 PN/DN request (C00-20111205-134) was approved without objection and remanded to WG1 for action.

- **WG2 REPORT:** The WG2 report (C00-20111205-102) 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:
 - C.P0087-A E-UTRAN – cdma2000 HRPD Connectivity and Interworking Air Interface Specification (TSGC-165, 3GPP2-00289)
- WG2 recommended that the August 2012 meeting of 3GPP2 be retained at this time even though there was one (1) company with a conflicting opinion.
- Interim conference calls have been scheduled as follows:

Group	Date	Time
SWG1	17 January 2012 (Note time: 6:00 PM Central)	6:00-9:00 PM US central time
SWG2	12 January 2012	7:00-9:00 PM US central time

DECISION: C.P0087-A E-UTRAN – cdma2000 HRPD Connectivity and Interworking: Air Interface Specification (C00-20111205-142) was approved without objection as baseline text and remanded to back to WG2 for R&F.

DECISION: E-UTRAN to HRPD Mapping for Release 8 (C00-20111205-143) was approved without objection for transmission to the other TSGs pending the generation of cover correspondence by the Secretary. ACTION: This contribution was remanded to WG4 for review and comment.

- **WG3 REPORT:** The WG3 report (C00-20111205-103) was presented by WG3 Chair, Sang Kim (LGE), as FYI.
 - Documents Being Proposed for Publication: NONE
 - Documents Being Proposed for Re-Publication:
 - C.S0024-200-C v2.0 Physical Layer for cdma2000 High Rate Packet Data Air Interface Specification Revision C (WI: 3GPP2-00283)

- 1 • Documents Being Proposed for V&V Review: NONE
- 2 • Documents Being Proposed as Baseline Text: NONE
- 3 • Other items for Plenary approval:
 - 4 • Input to Smart Grid Interoperability Panel Priority Action Plan 2 (SGIP
 - 5 PAP2) Catalog of Standards
 - 6 • Proposed correspondence to TSG-X regarding request for feedback on
 - 7 draft revision of Supplement 62 to ITU-T Q series Recommendations
 - 8 • Input to joint ATIS and TIA coexistence study

9 **DECISION: C.S0024-200-C v2.0 Physical Layer for cdma2000 High Rate Packet**
10 **Data Air Interface Specification (C00-20111205-110) was approved without**
11 **objection as republication text and liaised to TIA TR45.5 based on the commitment**
12 **from WG3 that all changes were editorial in nature.**

13 **DECISION: Input to Smart Grid Interoperability Panel Priority Action Plan 2**
14 **(SGIP PAP2) Catalog of Standards (C00-20111205-111R1) was approved without**
15 **objection to be liaised to TIA TR45.5 for submission to SGIP.**

16 **DECISION: Proposed correspondence to TSG-X regarding request for feedback on**
17 **draft revision of Supplement 62 to ITU-T Q series (C00-20111205-112) was**
18 **approved without objection for transmission.**

19 **DECISION: Input to joint ATIS and TIA coexistence study (C00-20111205-113)**
20 **was approved without objection to be liaised to TIA TR45.5 for submission to the**
21 **applicable ATIS/TIA discussion pending removal of Alcatel-Lucent copyright**
22 **notices by the TR45.5 Chair.**

23 The ITU activities report (C00-20111205-103A) was noted as FYI.

- 24 • **WG4 REPORT:** The WG4 report (C00-20111205-104) was presented by WG4
25 Co-Chair, Dave Whipple (Agilent), as FYI.
- 26 • Documents Being Proposed for SC Level Review:
 - 27 • C.P0010-E Recommended Minimum Performance Standards for
 - 28 cdma2000 Spread Spectrum Base Stations (WI 126, 173, 174)
 - 29 • C.P0104 Recommended Minimum Performance Standards for Extended
 - 30 Cell cdma2000 High Rate Packet Data Access Terminal (WI TSGC-144)
- 31 • Documents Being Proposed for V&V Review: NONE
- 32 • Document Proposed as Baseline Text:
 - 33 • C.P0044-C v0.7 Interoperability Specification for cdma2000 Air Interface
 - 34 (WI TSGC-144)
 - 35 • C.P0095-A v0.7 Signaling Test Specification for EUTRAN-cdma2000
 - 36 Connectivity and Interworking (WI TSGC-167)
 - 37 • C.S0011-E v0.7 Recommended Minimum Performance Standards for
 - 38 cdma2000 Spread Spectrum Mobile Stations (WI TSGC-144, 173)

- 1 • C.P0032-D v0.7 Recommended Minimum Performance Standards for
- 2 cdma2000 High Rate Packet Data Access Network WI (TSGC-173)
- 3 • C.P0033-D v0.7 Recommended Minimum Performance Standards for
- 4 cdma2000 High Rate Packet Data Access Terminal WI (TSGC-173)
- 5 • C.P0051-A v0.7 Recommended Minimum Performance Standards for
- 6 cdma2000 Repeaters (WI TSGC-173)
- 7 • C.P0096-A v0.7 Recommended Minimum Performance Standards for
- 8 Simultaneous cdma2000 and cdma2000-HRPD Access Terminal WI
- 9 (TSGC-173)

10 **DECISION: TSG-C agreed without objection to allow consideration of the**
11 **following documents even though they were inadvertently left off of the agenda:**

- 12 • **C.P0010-E Recommended Minimum Performance Standards for cdma2000**
13 **Spread Spectrum Base Stations for publication**
- 14 • **C.P0044-C v0.7 Interoperability Specification for cdma2000 Air**

15 **DECISION: WG4 PN/DN request (C00-2011205-141) was approved without**
16 **objection and remanded to WG1 for action.**

17 **DECISION: C.P0010-E Recommended Minimum Performance Standards for**
18 **cdma2000 Spread Spectrum Base Stations (C00-2011205-114) was approved**
19 **without objection for publication as C.S0010-E v1.0 and liaised to TIA TR45.5.**

20 **DECISION: C.P0104 Recommended Minimum Performance Standards for**
21 **Extended Cell cdma2000 High Rate Packet Data Access Terminal (C00-2011205-**
22 **115) was approved without objection for publication as C.S0104-0 v1.0 and liaised**
23 **to TIA TR45.5.**

24 **DECISION: C.P0044-C v0.7 Interoperability Specification for cdma2000 Air**
25 **Interface (C00-2011205-116) was approved without objection as baseline text and**
26 **remanded back to WG4 as R&F.**

27 **DECISION: C.P0095-A v0.7 Signaling Test Specification for EUTRAN-cdma2000**
28 **Connectivity and Interworking (C00-2011205-117) was approved without objection**
29 **as baseline text and remanded back to WG4 as R&F.**

30 **DECISION: C.P0011-E v0.7 Recommended Minimum Performance Standards for**
31 **cdma2000 Spread Spectrum Mobile Stations (C00-2011205-118) was approved**
32 **without objection as baseline text and remanded back to WG4 as R&F.**

33 **DECISION: C.P0032-D v0.7 Recommended Minimum Performance Standards for**
34 **cdma2000 High Rate Packet Data Access Network (C00-2011205-119) was**
35 **approved without objection as baseline text and remanded back to WG4 as R&F.**

36 **DECISION: C.P0033-D v0.7 Recommended Minimum Performance Standards for**
37 **cdma2000 High Rate Packet Data Access Terminal (C00-2011205-120) was**
38 **approved without objection as baseline text and remanded back to WG4 as R&F.**

1 **DECISION: C.P0051-A v0.7 Recommended Minimum Performance Standards for**
2 **cdma2000 Repeaters (C00-20111205-121) was approved without objection as**
3 **baseline text and remanded back to WG4 as R&F.**

4 **DECISION: C.P0096-A v0.7 Recommended Minimum Performance Standards for**
5 **Simultaneous cdma2000 and cdma2000-HRPD Access Terminal (C00-20111205-**
6 **122) was approved without objection as baseline text and remanded back to WG4 as**
7 **R&F.**

- 8 • **ITU ADHOC REPORT:** The report on ITU activities was included in the WG3
9 discussions.

10 **DECISION: The activities of the ITU AdHoc will now be incorporated into WG3.**
11 **The independent ITU AdHoc will be disbanded.**

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

14 **13. LIAISON REPORTS:**

- 15 • **OP:** No contributions or discussions.
- 16 • **SC:** No contributions or discussions.
- 17 • **3GPP2 SECRETARIAT:** No contributions or discussions.
- 18 • **TSG-A:** No contributions or discussions.
- 19 • **TSG-S:** The following contributions were discussed:
- 20 • The TSG-S Liaison Report for December 2011 (C00-20111205-135) was
21 presented from the TSG-S Liaison as FYI for TSG-C. **ACTION: The WI**
22 **Tracking Sheet (C00-20111205-135A) was remanded to WG1 for review and**
23 **action as appropriate.**
- 24 • Correspondence to all TSGs requesting TSG review of S.P0148 v0.5 Dynamic
25 RAN Power Management Stage 1 (C00-20111205-136) was presented from
26 TSG-S. **ACTION: This contribution was remanded to all WGs for review**
27 **and comment with comments to be coordinated by WG1.**
- 28 • Correspondence to all TSGs announcing TSG-S WG1 web conferences scheduled
29 in 2012 (C00-20111205-137) was presented from TSG-S as FYI for TSG-C.
- 30 • Correspondence to all TSGs regarding Gameplan for Updates to 3GPP2 Vision
31 Document (C00-20111205-138) was presented from TSG-S. **ACTION: This**
32 **contribution was remanded to all WGs for review and comment with**
33 **comments to be coordinated by WG3.**

- 1 • Document development notification for S.P0150-0 Self-Organizing Networks
2 (SON) System Requirements Document (C00-20111205-139) was presented from
3 TSG-S as FYI for TSG-C.
- 4 • **TSG-X:** No contributions or discussions.
- 5 • **TIA:** TIA Legal comments regarding C.S0024-B v2.0 cdma2000 High Rate Packet Data
6 Air Interface Specification (C00-20111205-140) was presented from TIA TR45.5.
7 **ACTION: This contribution was remanded to WG2 for review and action as**
8 **appropriate.**
- 9 • **ITU:** The following contributions were discussed:
- 10 • An LS dated 24 November 2011 regarding the preliminary draft new report ITU-
11 R M.[LMS.PPDR.UHF CHANNELS] (C00-20111205-107) was presented from
12 ITU-R WP5A. **ACTION: This contribution was remanded to WG3 for**
13 **review and action as appropriate.**
- 14 • An LS dated 24 November 2011 regarding invitation to review working document
15 towards revision of report M.2014-1 (C00-20111205-108) was presented from
16 ITU-R WP5A. **ACTION: This contribution was remanded to WG3 for**
17 **review and action as appropriate.**
- 18 • An LS dated 24 November 2011 regarding WASN (wide area sensor and/or
19 actuator network) systems (C00-20111205-109) was presented from ITU-R
20 WP5A. **ACTION: This contribution was remanded to WG3 for review and**
21 **action as appropriate.**
- 22 • **CDG:** No contributions or discussions.
- 23 • **3GPP:** No contributions or discussions.
- 24 • **OMA:** No contributions or discussions.
- 25 • **OTHER:** No contributions or discussions.
- 26 14. **OLD BUSINESS (continued):** Regarding the 3GPP2 meeting in August 2012:
- 27 • WG1 has no preference and will meet face-to-face if there is an update.
- 28 • WG2 prefers to hold the August 2012 meeting even though one (1) company did not
29 agree
- 30 • WG3 prefers to hold the August 2012 meeting
- 31 • WG4 prefers to hold the August 2012 meeting
- 32 Based on these results, the Chair will report to the SC that TSG-S prefers that the August 2012
33 3GPP2 meeting be held as scheduled.
- 34 15. **NEW BUSINESS (continued):** No contributions or discussions.

1 16. **FUTURE MEETING SCHEDULE:**

6-10 February 2012	Sheraton Nanjing Kingsley Hotel & Towers in Nanjing, China
16-20 April 2012	Hyatt Regency Chicago in Chicago, IL, USA
June 2012	TBD

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

3 18. **ASSIGNMENTS:** The open action items as of the end of this meeting, other than standard
4 document remands, were noted as follows:

5 110523-003 The WG2 Chair, in conjunction with WG4, will recommend a process to the
6 Plenary to update E-UTRAN – cdma2000 Interworking documents as official features are
7 requested and 3GPP updates are made (e.g., Is a 3GPP2 revision mapped to a 3GPP
8 release?).

9 110926-001 The TSG-C Leadership Team was assigned an action to make a recommendation
10 to the Plenary regarding the number of face-to-face meetings required by TSG-C for
11 discussion at the meeting in December 2011.

12 19. **ADJOURNMENT:** The Plenary was adjourned on 9 December 2011 at 11:04 AM local time.

1

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20111205-			
* Contribution was remanded in advance to this WG/AdHoc			
000	DOCUMENT REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVED R2
002	TSG-C Meeting Summary - September 2011 – Chengdu, China	SECRETARY	APPROVED
003	TSG-C Document Log	WG1	FYI
004	TSG-C Work Item Review Status Log	WG1	FYI
005	DN Request	WG4	APPROVED
006	TSG-S Document Status Table	TSG-S	FYI
007	Correspondence to Femto Forum dated 11 November 2011 regarding Joint Press Release Announcement for publication of 3GPP2 S.R0139-0 Femtocell Systems Overview for cdma2000 Wireless Communication Systems	TSG-S	FYI
008	Correspondence to all TSGs dated 11 November 2011 regarding Release of WI(s) for TSG Review	TSG-S	WG1 ALL WGs
009	Correspondence to Broadband Forum Technical Committee dated 11 November 2011 regarding new work items in Broadband Forum concerning Machine-to-Machine (M2M) solutions	TSG-X	FYI
010	Correspondence to TIA TR45 dated 15 October 2011 regarding SC.R4005-0 v1.0 cdma2000 M2M Numbering Recommendations SRD for Publication	SC M2M NUMBERING ADHOC	FYI
011	E-mail correspondences regarding SC level review and approval of C.S0036-A v1.0 Recommended Minimum Performance Specification for Mobile Stations with Position Service	3GPP2 SECRETARIAT	FYI
012	E-mail correspondences regarding SC level review and approval of C.S0098-200-0 v1.0 Physical Layer for cdma2000 Extended Cell High Rate Packet Data Air Interface	3GPP2 SECRETARIAT	FYI
013	E-mail correspondence dated 1 November 2011 regarding V&V initiation for C.P0010-E v0.8 Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Base Stations	3GPP2 SECRETARIAT	FYI
014	E-mail correspondence dated 4 October 2011 regarding V&V initiation for C.P0018-E v0.9 Minimum Performance Specification for the Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, 73 and 77 for Wideband Spread Spectrum Digital Systems	3GPP2 SECRETARIAT	FYI
015	E-mail correspondence dated 1 November 2011 regarding V&V initiation for C.P0023-D v1.9 Removable User Identity Module for Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI
016	E-mail correspondence dated 3 October 2011 regarding V&V initiation for C.P1008-0 v1.9 cdma2000Multimedia Services Evaluation Methodology	3GPP2 SECRETARIAT	FYI
017	E-mail correspondence dated 3 October 2011 regarding V&V initiation for C.P1009-0 v1.9 cdma2000 Multimedia Services Evaluation Methodology: Software Tools	3GPP2 SECRETARIAT	FYI

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20111205-			
* Contribution was remanded in advance to this WG/AdHoc			
018	3GPP2 Workplan files – December 2011	3GPP2 SECRETARIAT	WG1 ALL WG _s
019	TIA ballot comments regarding C.P1008-0 v1.9 cdma2000 Multimedia Services Evaluation Methodology	TIA TR45.5	WG1*
020	TIA ballot comments regarding C.P1009-0 v1.9 cdma2000 Multimedia Services Evaluation Methodology: Software Tools	TIA TR45.5	WG1*
021	TIA ballot comments regarding C.P0018-E v0.9 Minimum Performance Specification for the Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, 73 and 77 for Wideband Spread Spectrum Digital Systems	TIA TR45.5	WG1*
022	LS dated 21 October 2011 regarding request for feedback on attached draft revision of Supplement 62 to ITU-T Q series Recommendations	ITU-T SG11	WG3* (ITU ADHOC)
023	LS dated 9 November 2011 regarding revision of Recommendation ITU-T P.501 including fullband speech signals	ITU-T SG12	WG1*, WG4
024	LS dated 21 October 2011 regarding request for information on Recommendation Q.1742.10 IMT 2000 References to ANSI-41 evolved Core Network with cdma2000 Access Network	ITU-T SG13	WG3 (ITU ADHOC)
025	TSG-C Meeting Summary – Interim Plenary – 31 October 2011	SECRETARY	APPROVED
026	V&V comments regarding C.P0023-D v1.9 Removable User Identity Module for Spread Spectrum Systems	3GPP2 SECRETARIAT	WG1
027	V&V comments regarding C.P0023-D v1.9 Removable User Identity Module for Spread Spectrum Systems	CDG	WG1
028	Summary of SGIP PAP2 2011 Activities since October 2011	TR45 PAP LIAISON	WG3
029	V&V comments regarding C.P0023-D v1.9 Removable User Identity Module for Spread Spectrum Systems	CDG AND QUALCOMM	WG1
030	TIA Legal comments regarding C.P0024-200-C Physical Layer for cdma2000 High Rate Packet Data Air Interface Specification	TIA TR45.5	WG3
031	ITU-T SG13 request for information on Recommendation Q.1742.10	TIA TR45.5	WG3 (ITU ADHOC)
032	ITU-T SG13 Item in ITU-T Q.3/13 Work Programme concerning Machine Oriented Communication (MOC)	TIA TR45.5	WG3 (ITU ADHOC)
033	TIA ballot comments regarding C.P0010-E Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Base Stations	TIA TR45.5	WG4
034	TIA ballot comments regarding C.P0023-D Removable User Identity Module for Spread Spectrum Systems proposed Ballot	TIA TR45.5	WG1
CLOSING PLENARY – C00-20111205-			
* Contribution was remanded in advance to this WG/AdHoc			
101	WG1 Report	WG1	FYI
102	WG2 Report	WG2	FYI

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20111205-			
* Contribution was remanded in advance to this WG/AdHoc			
103	WG3 Report	WG3	FYI
104	WG4 Report	WG4	FYI
105	ITU AdHoc Report	ITU ADHOC	INCLUDED WITH 103
106	CMOAHG Report	CMOAHG	NO REPORT
107	LS dated 24 November 2011 regarding the preliminary draft new report ITU-R M.[LMS.PPDR.UHF CHANNELS]	ITU-R WP5A	WG3*
108	LS dated 24 November 2011 regarding invitation to review working document towards revision of report M.2014-1	ITU-R WP5A	WG3*
109	LS dated 24 November 2011 regarding WASN (wide area sensor and/or actuator network) systems	ITU-R WP5A	WG3*
110	C.S0024-200-C v2.0 Physical Layer for cdma2000 High Rate Packet Data Air Interface Specification Revision C Proposed Re-publication Text	WG3	APPROVED
111	Input to Smart Grid Interoperability Panel Priority Action Plan 2 (SGIP PAP2) Catalog of Standards	WG3	APPROVED R1
112	Proposed correspondence to TSG-X regarding request for feedback on draft revision of Supplement 62 to ITU-T Q series	WG3	APPROVED
113	Input to joint ATIS and TIA coexistence study	WG3	APPROVED
114	C.P0010-E Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Base Stations proposed publication text	WG4	APPROVED
115	C.P0104 Recommended Minimum Performance Standards for Extended Cell cdma2000 High Rate Packet Data Access proposed publication text	WG4	APPROVED
116	C.P0044-C v0.7 Interoperability Specification for cdma2000 Air proposed baseline text	WG4	APPROVED
117	C.P0095-A v0.7 Signaling Test Specification for EUTRAN-cdma2000 Connectivity and Interworking proposed baseline text	WG4	APPROVED
118	C.P0011-E v0.7 Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Mobile Stations proposed baseline text	WG4	APPROVED
119	C.P0032-D v0.7 Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access Network proposed baseline text	WG4	APPROVED
120	C.P0033-D v0.7 Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access Terminal proposed baseline text	WG4	APPROVED
121	C.P0051-A v0.7 Recommended Minimum Performance Standards for cdma2000 Repeaters proposed baseline text	WG4	APPROVED
122	C.P0096-A v0.7 Recommended Minimum Performance Standards for Simultaneous cdma2000 and cdma2000-HRPD Access Terminal proposed baseline text	WG4	APPROVED
123	C.P1008-0 cdma2000 Multimedia Services Evaluation Methodology proposed publication text	WG1	APPROVED

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20111205-			
* Contribution was remanded in advance to this WG/AdHoc			
124	C.P1009-0 cdma2000 Multimedia Services Evaluation Methodology: Software Tools proposed publication text	WG1	APPROVED
125	C.P0014-E Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, 73 and 77 for Wideband Spread Spectrum Digital Systems proposed publication text	WG1	APPROVED
126	C.P0018-E Minimum Performance Specification for the Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, 73 and 77 for Wideband Spread Spectrum Digital Systems proposed publication text	WG1	APPROVED
127	C.P0023-D Removable User Identity Module for Spread Spectrum Systems proposed publication text	WG1	APPROVED
128	C.P0049-A v0.1 R-UIM Conformance Testing for Spread Spectrum Systems proposed V&V text	WG1	APPROVED
129	C.P0028-B v0.9 Software Distribution for TTY/TDD Minimum Performance Specification proposed V&V text	WG1	APPROVED
130	C.P0016-D v1.14 Over-the-Air Service Provisioning of Mobile Stations in Spread Spectrum Standards proposed baseline text	WG1	APPROVED
131	Proposed correspondence to TSG-S regarding TSG-C review of 3GPP2 WIs	WG1	APPROVED
132	Proposed correspondence to the PMT coordinator regarding work plan questions	WG1	APPROVED
133	Proposed correspondence to ETSI regarding Tag Value Reservation request in ETSI TS 101 220	WG1	APPROVED
134	WG1 PN/DN request	WG1	APPROVED
135	TSG-S Liaison Report – December 2011	TSG-S LIAISON	FYI
136	Correspondence to all TSGs requesting TSG review of S.P0148 v0.5 Dynamic RAN Power Management Stage 1	TSG-S	WG1 ALL WGs
137	Correspondence to TSGs announcing WG1 web conferences scheduled in 2012	TSG-S	FYI
138	Correspondence to all TSGs regarding Gameplan for Updates to 3GPP2 Vision Document	TSG-S	WG3 ALL WGs
139	Document development notification for S.P0150-0 Self-Organizing Networks (SON) System Requirements Document	TSG-S	FYI
140	TIA Legal comments regarding C.S0024-B v2.0 cdma2000 High Rate Packet Data Air Interface Specification	TIA TR45.5	WG2*
141	WG4 PN/DN request	WG4	APPROVED
142	C.P0087-A E-UTRAN – cdma2000 HRPD Connectivity and Interworking: Air Interface Specification proposed baseline text	WG2	APPROVED
143	E-UTRAN to HRPD Mapping for Release 8	WG2	APPROVED WG4

1

2

3GPP2 QUORUM ROLL CALL TSG-C (cdma2000 Air Interface) Kohala Coast, HI, USA 9-Dec-11							
INDIVIDUAL MEMBER COMPANY	12/5/2011	12/9/2011	Consec Mtgs Missed Including this Mtg	Voting Status This Meeting	Quorum Status This Meeting	Voting Status Next Meeting*	Quorum Status Next Meeting*
AGILENT TECHNOLOGIES	1		0	1	1	1	1
AIRCELL			1	1	1	1	1
ALCATEL-LUCENT	1		0	1	1	1	1
CHINA TELECOM	1		0	1	1	1	1
COMPRION	1		0	1	1	1	1
DBSD			3	0	0	0	0
ERICSSON	1		0	1	1	1	1
GEMALTO	1		0	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 U+			3	0	0	0	0
LIGHTSQUARED			2	1	1	1	1
MOTOROLA MOBILITY	1		0	1	1	1	1
NEC			3	1	1	1	1
NSN	1		0	1	0	1	0
QUALCOMM	1		0	1	1	1	1
RESEARCH IN MOTION			3	0	0	0	0
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			3	0	0	0	0
SPIRENT COMMUNICATIONS		1	0	0	0	0	0
SPRINT/NEXTEL	1		0	1	1	1	1
TELCORDIA			3	1	1	1	1
VERIZON WIRELESS			1	1	0	1	0
VIA TELECOM	1		0	1	1	1	1
ZTE	1		0	1	1	1	1
TOTAL APPLICABLE TO QUORUM	16	0		23	21	23	21
QUORUM CALCULATION	76%	0%					
ADDITIONS							
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

© 2011 3GPP2
 *Next Meeting status based on the assumption that the company will be present at the next meeting.