

1 **Title:**

2 **APPROVED SUMMARY OF TSG-C MEETING**
3 **for 23-27 July 2007 in Calgary, AB, Canada**

4 **Source:**

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7
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15
16 **Abstract:**

17 This document is a summary of the 3GPP2 TSG-C meetings that were held during the period of
18 23-27 July 2007 in Calgary, AB, Canada.

19
20 **Recommendations:**

21 For review and approval.

22
23 **Notice:**

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1 During the period of 23-27 July 2007, 3GPP2 TSG-C meetings were held at the Hyatt Regency
2 Calgary in Calgary, AB, Canada. 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 23 July 2007 at 8:50 AM local time by TSG-C Chair, Dennis Gentzler (ALLTEL).

7 The Chair welcomed everyone to Calgary.

8 The Chair noted that TR Labs will be providing a team building luncheon consisting of light
9 dim sum starting at 11:00 AM.

10 The Chair referenced his e-mail announcing the restructure of TSG-C and noted that
11 contribution C00-20070723-033 which provides additional detail would be discussed later in
12 the agenda.

13 2. **ATTENDANCE REGISTRATION AND ROLL CALL:** A roll call of companies indicated
14 that 26 companies included on the list of 29 active quorum members were present (90%
15 participation). Thus, meeting quorum was achieved.

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

17 3. **INTRODUCTION AND NUMBERING OF CONTRIBUTIONS:** Contributions were
18 loaded onto the 3GPP2 LAN server and listed in the document register (C00-20070723-
19 000).

20 4. **AGENDA APPROVAL:** The proposed agenda (C00-20070723-001) was presented.

21 **DECISION: The agenda was approved without objection as submitted (C00-20070723-
22 001).**

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

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

26 • The summary of the TSG-C meeting for June 2007 that was held in Kunming, China
27 (C00-20070723-002) was presented. **DECISION: This meeting summary was
28 approved without objection as submitted (C00-20070723-002).**

29 • The summary of the TSG-C interim Plenary conference call on 2 July 2007 (C00-
30 20070723-003) was presented. **DECISION: This meeting summary was
31 approved without objection as submitted (C00-20070723-003).**

32 7. **REVIEW OF OUTSTANDING ACTIONS FROM PREVIOUS MEETING:** The action
33 items from the June 2007 face-to-face meeting were noted as follows:

34 070212-03 The Chair requested that WG5 consider and propose potential options for
35 WG5 meetings time other than the current Wednesday afternoon schedule.

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

2 070326-01 A contribution regarding Next Steps in 3GPP2 TSG-C (C00-20070326-
3 026R1) was presented from Alcatel-Lucent was held OPEN at the Plenary level
4 pending further discussions. TSG-C participants were requested to review and
5 comment and bring additional input to the July 2007 meeting. The Chair will
6 consider TSG-C restructure based on an understanding of TSG-C future activities.

7 Action on this contribution was deferred until the closing Plenary.

8 070622-01 The Reply LS to 3GPP2 TSG-S dated 7 June 2007 regarding Mobility
9 interworking between 3GPP and 3GPP2 systems (C00-20070618-106) was
10 remanded to all WGs for review and comments with comments, if any, to be
11 coordinated by WG5 for response as an output of the July 2007 meeting in Calgary.

12 Action was deferred until later in the agenda.

13 070702-01 C.P0084-0 Overview and Upper Layer for Ultra Mobile Broadband (UMB)
14 Air Interface Specification (C00-20070702-016) were held OPEN at the Plenary
15 level pending completion of C.P0084-001-0 Physical Layer for Ultra Mobile
16 Broadband (UMB) Air Interface Specification.

17 Action on this contribution was deferred until completion of V&V processing for
18 C.P0084-001-0 Physical Layer for Ultra Mobile Broadband (UMB) Air Interface
19 Specification.

20 8. CORRESPONDENCE: None.

21 9. LIAISON REPORTS:

- 22 • OP: No contributions or discussion.
- 23 • SC: No contributions or discussion.
- 24 • 3GPP2 SECRETARIAT: The following contributions were discussed:
 - 25 • 3GPP2 SC Meeting Summary for June 2007 in Kunming, China (C00-
26 20070723-016) was presented from the 3GPP2 Secretariat. The Chair noted
27 the following discussions relative to TSG-C:
 - 28 • DECISION 2007/06-03: The Steering Committee supports TSG-C
29 undertaking preparatory work in the area of IMT-Advanced in
30 advance of the expected OP decision on the proposed modification to
31 the scope of 3GPP2.
 - 32 • The SC deferred consideration of the proposed update of the TSG-C
33 Terms of Reference based on an understanding that the TSG-C terms
34 of reference would not need to be modified as a result of
35 consideration of SC action 2006/10-9 assigned to TSG-S.

36 The related issues will be reviewed during a meeting hosted by the
37 PMT on Tuesday 24 July 2007 during the NOON – 1:00 PM timeslot
38 local time in the TSG-S Plenary room. Interested parties are invited
39 to participate.

ACTION: This contribution was remanded to all WGs as FYI and to WG1 for review and action as appropriate so they can take the lead in representing TSG-C in these discussions and report to the closing Plenary.

- E-mail correspondences regarding re-publication of C.S0024-0 v2.0 cdma2000 High Rate Packet Data Air Interface Specification (C00-20070723-017) was presented from the 3GPP2 Secretariat as FYI for TSG-C.
- E-mail correspondence dated 25 June 2007 regarding V&V review of C.P0014-C v0.3 Software Distribution for Enhanced Variable Rate Codec (EVRG), Speech Service Options 3, 68, and 70, Specification (C00-20070723-018) was presented from the 3GPP2 Secretariat as FYI for TSG-C.
- E-mail correspondence dated 25 June 2007 regarding V&V review of C.P0018-B v0.3 Software Distribution for Enhanced Variable Rate Codec (EVRG), Speech Service Options 3 and 68, Minimum Performance Specification (MPS) (C00-20070723-019) was presented from the 3GPP2 Secretariat as FYI for TSG-C.
- E-mail correspondence dated 5 July 2007 regarding V&V review extension for C.P0084-001-0 Physical Layer for Ultra Mobile Broadband (UMB) Air Interface Specification (C00-20070723-020) was presented from the 3GPP2 Secretariat as FYI for TSG-C. The Chair noted that the date in this e-mail will be further extended based final disposition from the TR45.5 Chair report later in the agenda..
- E-mail correspondences regarding V&V extensions for C.P0018-B v0.3, C.P0014-C v0.3, and C.P1010-0 v0.9 (C00-20070723-020) was presented from the 3GPP2 Secretariat as FYI for TSG-C.
- V&V comments regarding C.1010-0 v0.9 Software Distribution for H.263 Video Codec for 3GPP2 Packet Switched Multimedia Services (C00-20070723-031) was presented from the 3GPP2 Secretariat. **ACTION: This contribution was remanded to WG1 for review and action as appropriate.**
- 3GPP2 Workplan for July 2007 (C00-20070723-039) was presented from the PMT Coordinator. **ACTION: This contribution was remanded to all WGs for review and comment with comments to be coordinated by WG5.**
- TSG-A: The following contributions were discussed:
 - Correspondence to 3GPP2 Secretariat dated 21 June 2007 regarding 3GPP2 Spec Page (C00-20070723-005) was presented from TSG-A. **ACTION: This contribution was remanded to all WGs as FYI.**
 - Correspondence to CDG ETO dated 21 June 2007 regarding CDG ETO Recommendations on 3GPP2 Network Evolution (C00-20070723-006) was presented from TSG-A as FYI for TSG-C.

- 1 • Correspondence to TSG-X dated 21 June 2007 regarding Inter-AGW
2 Handoff (C00-20070723-007) was presented from TSG-A as FYI for TSG-C.
- 3 • TSG-S: The following contributions were discussed:
- 4 • TSG-S Document Status Table for May 2007 (C00-20070723-004) was
5 presented from TSG-S. **ACTION: This contribution was remanded to all**
6 **WGs for review and comment with comments to be coordinated by WG5.**
- 7 • E-mail correspondence dated 18 July 2007 regarding TSG-X and TSG-C
8 scope of work joint discussion (C00-20070723-035) was presented from the
9 PMT Chair. **ACTION: This contribution was remanded to WG1 for**
10 **review and action as appropriate.**
- 11 • TSG-X: The following contributions were discussed:
- 12 • Correspondence to TSG-S dated 18 June 2007 regarding Review Comments
13 on S.P0115 v1.1 All IP Network Emergency Call Support (C00-20070723-
14 008) was presented from TSG-X. **ACTION: This contribution was**
15 **remanded to WG5 for review and action as appropriate.**
- 16 • Correspondence to TSG-S dated 21 June 2007 regarding Review Items (C00-
17 20070723-009) was presented from TSG-X. **ACTION: This contribution**
18 **was remanded to WG5 for review and action as appropriate.**
- 19 • Correspondence to ATIS ESIF dated 21 June 2007 regarding Response to
20 ESIF Liaison Entitled “Request for Input/Comments Regarding the ATIS
21 ESIF Evaluation of Location Acquisition Protocols” (C00-20070723-010)
22 was presented from TSG-X. **ACTION: This contribution was remanded**
23 **to WG1 and WG2 for review and comment with comments, if any, to be**
24 **coordinated by WG1.**
- 25 • Correspondence to TSG-S dated 21 June 2007 regarding Status of PPP-Free
26 Operation Work (C00-20070723-011) was presented from TSG-X.
27 **ACTION: This contribution was remanded to WG1, WG2, and WG5**
28 **and comment with comments, if any, to be coordinated by WG5.**
- 29 • Correspondence to IETF dated 21 June 2007 regarding PMIPv4/PMIPv6
30 Dependency (C00-20070723-012) was presented from TSG-X. **ACTION:**
31 **This contribution was remanded to WG2 and WG5 for review and**
32 **comment with comments, if any, to be coordinated by WG5.**
- 33 • Correspondence to CDG ETO dated 21 June 2007 regarding CDG ETO
34 Recommendations on 3GPP2 Network Evolution (C00-20070723-013) was
35 presented from TSG-X as FYI for TSG-C.
- 36 • Correspondence to 3GPP SA dated 21 June 2007 regarding Common IMS
37 (C00-20070723-014) was presented from TSG-X as FYI for TSG-C. The
38 Chair noted that TSG-X will be coordinating with 3GPP to jointly participate
39 in a workshop on network development.

- 1 • Correspondence to TSG-S dated 21 June 2007 regarding 3GPP2 UMB-1
2 System Release Review and Questions (C00-20070723-015) was presented
3 from TSG-X. **ACTION: This contribution was remanded to WG5 for**
4 **review and action as appropriate.**
- 5 • TR45: The following contributions were discussed:
- 6 • TIA ballot summary for C.P0083-0 (PN-3-0265, to be published as TIA-
7 1133) Video Codec for 3GPP2 Packet Switched Multimedia Services (C00-
8 20070723-023) was presented from TIA TR45.5. **ACTION: This**
9 **contribution was remanded to WG1 for review and action as**
10 **appropriate.**
- 11 • TIA ballot summary for C.P0018-B (PN-3-3648-RV2, to be published as
12 TIA-718-B) Minimum Performance Specification for the Enhanced Variable
13 Rate Codec, Speech Service Options 3 and 68 for spread Spectrum Digital
14 Systems (C00-20070723-024) was presented from TIA TR45.5. **ACTION:**
15 **This contribution was remanded to WG1 for review and action as**
16 **appropriate.**
- 17 • TIA ballot summary for C.P0032-A v1.8 (PN-3-4913-RV1-AD1, to be
18 published as TIA-864-A-1) Recommended Minimum Performance Standards
19 for cdma2000[®] High Rate Packet Data Access Network (C00-20070723-025)
20 was presented from TIA TR45.5. **ACTION: This contribution was**
21 **remanded to WG4 for review and action as appropriate.**
- 22 • TIA ballot summary for C.P0034-A v1.8 (PN-3-4916-RV1-AD1, to be
23 published as TIA-866-A-1) Recommended Minimum Performance Standards
24 for cdma2000[®] High Rate Packet Data Access Terminals (C00-20070723-
25 026) was presented from TIA TR45.5. **ACTION: This contribution was**
26 **remanded to WG4 for review and action as appropriate.**
- 27 • TIA ballot summary for C.P0035-A (PN-3-0051-RV1-AD1, to be published
28 as TIA-915-A-1) CDMA Card Application Toolkit (CCAT) (C00-20070723-
29 027) was presented from TIA TR45.5. **ACTION: This contribution was**
30 **remanded to WG1 for review and action as appropriate.**
- 31 • TIA ballot summary for C.P0044-A (PN-3-0155-RV1-AD1, to be published
32 as TIA-1036-A) Interoperability Test Specification for cdma2000 Air
33 Interface (C00-20070723-028) was presented from TIA TR45.5. **ACTION:**
34 **This contribution was remanded to WG4 for review and action as**
35 **appropriate.**
- 36 • TR45.5 Chair noted that, due to administrative errors, the TIA ballot release
37 needed to be re-approved at this meeting. As such, TIA ballot comments are
38 now due on or before 23 August 2007.
- 39 **DECISION: The 3GPP2 V&V period for C.P0084-001 UMB PHY point**
40 **release was extended to 23 August 2007.**

- 1 • ITU: No contributions or discussion.
- 2 • CDG: Correspondences to TSG-A, TSG-C, and TSG-X dated 19 July 2007
3 regarding CDG ETO Responses to 3GPP2 TSG Comments on Network Evolution
4 Requests for Action (C00-20070723-040) was presented from the CDG ETO.
5 **ACTION: This contribution was remanded to all WGs for review and**
6 **comment with comments, if any, to be coordinated by WG2.**
- 7 • OMA: No contributions or discussion.
- 8 • 3GPP/ETSI: No contributions or discussion.
- 9 • Other: An LS dated July 2007 regarding a single joint speech and audio
10 compression algorithm (C00-20070723-022) was presented from ISO/IEC
11 JTC1/SC29/WG11. **ACTION: This contribution was remanded to WG1 for**
12 **review and action as appropriate.**
- 13 10. WORKING GROUP REPORTS:
- 14 • WG1 REPORT: A verbal report of WG1 activities was presented by WG1 Chair,
15 Doug Dunn (Kyocera), as FYI for TSG-C.
16 No actions were requested from the Plenary at this time.
- 17 • WG2 REPORT: A verbal report of WG2 activities was presented by WG2 Vice-
18 Chair, Ke-Chi Jang (Nortel), as FYI.
19 The Chair noted that the WG2 Chair was unable to attend this meeting. WG2 Vice-
20 Chair, Ke-Chi Jang (Nortel), will manage WG2 issues this week.
21 No actions were requested of the Plenary at this time.
- 22 • WG3 REPORT: A verbal report of the WG3 activities was presented by WG3 Chair,
23 Ed Tiedemann (QUALCOMM), as FYI.
24 No actions were requested of the Plenary at this time.
- 25 • WG4 REPORT: A WG4 interim report (C00-20070723-041) was presented by Kurt
26 Bantle (Spirent) as FYI.
27 WG4 noted that they will be processing the HPRD Rev. B MPS serially after the
28 completion of the HPRD Rev. A MPS point release.
29 No actions were requested of the Plenary at this time.
- 30 • WG5 REPORT: A verbal report of WG5 activities was presented by WG5 Chair,
31 Bjorn Hjelm (ALLTEL), as FYI.
32 **DECISION: Proposed correspondence to TSG-S regarding 3GPP2 Workplan**
33 **Update (C00-20070723-029) was approved without objection for transmission.**
34 **DECISION: Proposed correspondence to TSG-S regarding Stage 1 Review**
35 **(C00-20070723-030) was approved without objection for transmission.**

1 **ACTION: WG5 was requested to prepare a transition plan to transfer all WG5**
2 **actions and responsibilities back into WG1 by the August 2007 meeting in**
3 **Montreal.**

4 11. OLD BUSINESS: The following contributions were discussed:

- 5 • Proposed Work Item for Enhancement of Positioning for HRPD Access Terminals
6 (C00-20070723-037) was presented from Airvana, Sprint, and QUALCOMM.
7 **ACTION: This contribution was remanded to WG5 for review and action as**
8 **appropriate.**

9 12. ITU PROCESS/APPROVAL: No contributions or discussion.

10 13. NEW BUSINESS: The following contributions were discussed:

- 11 • A presentation on Mobile Application Testing & Standards (C00-20070723-032)
12 was noted from TR Labs as FYI for TSG-C. Brian Makie (TR Labs) was noted in
13 attendance. The Chair noted that this contribution would be presented in detail
14 immediately following the opening Plenary session and he thanked TR Labs for
15 hosting the team building luncheon.
- 16 • The Chair presented contribution (C00-20070723-033) titled TSG-C Restructure
17 which provided additional details about the associated 19 July 2007 e-mail
18 announcement regarding the recent changes made to TSG-C structure. He indicated
19 that the objective of this restructure was to better position the group in dealing with
20 the anticipated work ahead for 2H07 and beyond, to address continuity of existing
21 work on the evolution of the cdma2000 family of standards and the advent of next
22 steps toward next-generation technology assessments. The Chair noted that the
23 leadership team felt that it is the right time to begin to address the work ahead and
24 make some modifications, as noted below, to keep work moving forward efficiently
25 for the remainder of the year. This contribution noted the Chair's directions for
26 restructure of TSG-C as follows:
 - 27 • WG5 functionality will be incorporated into WG1 and WG1 will be renamed
28 to Application Services and Work Planning. The transition of WG5 will take
29 place by the August 2007 meeting. In addition, the current WG5 Chair,
30 Bjorn Hjelm (ALLTEL), was named as a new Vice-Chair of WG1.
 - 31 • The WG3 ITU AdHoc will now report directly to the Plenary. The AdHoc
32 leadership will remain unchanged with the exception that Yoshinori Ishikawa
33 (Hitachi) will be named as a new AdHoc Vice-Chair.
 - 34 • The responsibilities of SWG1.3 will be transferred to WG2 and SWG1.3 was
35 disbanded.

- 1 • A new plenary level AdHoc called “Next-Generation Technologies” (NTAH)
2 was created and tasked with addressing preparatory work on IMT-Advanced
3 related issues and TSG-C next-generation technology assessments. Anthony
4 Soong (Huawei) has been appointed NTAH Chair. S. (Vasu) Vasudevan
5 (Alcatel-Lucent) and Soon Yil Kwon (LGE) have been appointed as NTAH
6 Vice-Chairs. The Chair thank the NTAH leadership team for agreeing to lead
7 this effort and noted that the kickoff meeting of NTAH would be convened
8 on Monday afternoon at 3:00 PM.

9 **ACTION: This contribution was remanded to all WGs and to NTAH for**
10 **review and action as appropriate with actions to be coordinated by NTAH.**

- 11 • IMT-Advanced Information (C00-20070723-034R1) was presented from the TSG-C
12 Vice-Chair. **ACTION: This contribution was remanded to the NTAH as FYI.**

- 13 • Next Steps in TSG-C (C00-20070723-036) was presented from LGE. **ACTION:**
14 **This contribution was noted as FYI for the group and remanded to the WG5**
15 **and NTAH as FYI.**

- 16 • A contribution regarding Proposed TSG-C Work Topics (C00-20070723-038) was
17 presented from QUALCOMM. **ACTION: This contribution was noted as FYI**
18 **for the group and remanded to the WG5 and NTAH as FYI.**

- 19 • ITU-R WP8F IMT-Advanced Schedule and Process (C00-20070723-042) was
20 presented from the ITU AdHoc Chair, Ron Ferguson (Sprint). **ACTION: This**
21 **contribution was remanded to the NTAH as FYI.**

- 22 • **ACTION: The contribution regarding Next Steps in 3GPP2 TSG-C (C00-**
23 **20070326-026R1) from Alcatel-Lucent which had been held OPEN at the**
24 **Plenary level since March 2007 was remanded to the WG5 and NTAH as FYI.**

25 **DECISION: As a result of this action, Action Item 070326-01 was CLOSED**
26 **without objection.**

27 This session was recessed on 23 July 2007 at 11:23 AM local time.

28
29
30 **CLOSING PLENARY:**

31 The meeting was reconvened on 26 July 2007 at 5:40 PM local time.

32 Quorum was established at the opening Plenary and not challenged at this time. No additional
33 3GPP2 individual member companies were noted in attendance.

34 The Secretary submitted updated meeting summaries for approval noting that the only change was
35 to correct the quorum lists

- 36 • **DECISION: An updated version of the TSG-C Meeting Summary for June 2007 in**
37 **Kunming, China (C00-20070723-002R1) was approved without objection.**

- 1 • **DECISION: An updated version of the TSG-C Meeting Summary for the 2 July 2007**
2 **Interim Plenary Conference Call (C00-20070723-003R1) was approved without**
3 **objection.**

4 **ACTION: The remand action for Correspondence to 3GPP2 Secretariat dated 21 June 2007**
5 **regarding 3GPP2 Spec Page (C00-20070723-005) from TSG-A was modified as follows: This**
6 **contribution was remanded to all WGs for review and comment by the closing Plenary of the**
7 **August 2007 meeting in Montreal.**

8 14. WORKING GROUP REPORTS:

- 9 • WG1 REPORT: The WG1 report (C00-20070723-101) was presented by WG1 Chair,
10 Doug Dunn (Kyocera), as FYI.
- 11 • Documents Being Proposed for SC Level Review:
 - 12 • C.P0018-B Enhanced Variable Rate Codec, Speech Service Options 3,
13 and 68 for Wideband Spread Spectrum Digital Systems, Minimum
14 Performance Specification (to be published as C.S0018-B v1.0)
 - 15 • C.P0035-A CDMA Card Application Toolkit (CCAT) (to be
16 published as C.S0035-A v2.0)
 - 17 • Documents Being Proposed for V&V: None.
 - 18 • Documents Being Proposed for Baseline: None.
 - 19 • Also progressed the development of the following:
 - 20 • C.P0018-B Software Distribution for Enhanced Variable Rate Codec
21 (EVRC), Speech Service Options 3 and 68, Minimum Performance
22 Specification
 - 23 • C.P0018-C Enhanced Variable Rate Codec, Speech Service Options 3,
24 68, and 70 for Wideband Spread Spectrum Digital Systems, Minimum
25 Performance Specification
 - 26 • C.P0014-C Software Distribution for Enhanced Variable Rate Codec
27 (EVRC), Speech Service Options 3, 68, and 70

28 **DECISION: C.P0018-B v0.9 Minimum Performance Specification for the**
29 **Enhanced Variable Rate Codec, Speech Service Options 3 and 68 for Wideband**
30 **Spread Spectrum Digital Systems (C00-20070723-112) was approved without**
31 **objection for publication as C.S0018-B v1.0 and liaised to TR45.5.**

32 **DECISION: C.P0035-A CDMA Card Application Toolkit (CCAT) (C00-**
33 **20070723-113) was approved without objection for publication as C.S0035-A**
34 **v2.0 and liaised to TR45.5.**

35 **DECISION: Proposed correspondence to 3GPP request for specification**
36 **clarification for Multimode System Selection (C00-20070723-114) was approved**
37 **without objection for transmission.**

38 Regarding the discussions of the revised TSG-C scope:

- 39 • WG1 Chair report on the TSG-C ToR discussion in PMT Joint Meeting
40 (C00-20070723-115) was presented.

- 1 • Correspondence to TSG-C dated 26 July 2007 regarding TSG-C Terms of
2 Reference Proposal remanded action from the June 2007 Steering Committee
3 (C00-20070723-120) was also presented from TSG-S.
- 4 • **ACTION: C00-20070723-120A was remanded to WG1 for review and
5 action as appropriate.**
- 6 • **DECISION: The revised TSG-C Terms of Reference (C00-20070723-
7 115A) was approved without objection but will be held at the Plenary
8 level until the next SC meeting and will be revisited, as needed,
9 predicated on final disposition of on-going OP discussions regarding
10 3GPP2 scope.**
- 11 • WG2 REPORT: The WG2 report (C00-20070723-102) was presented by the WG2
12 Vice-Chair, Ke-Chi Jang (Nortel), as FYI.
- 13 The acting WG2 chair noted that WG2 appreciated moving the closing plenary to
14 Thursday evening and wondered if this would be an option for future meetings. The
15 Chair indicated that the leadership team would investigate all options and announce
16 any changes in standard meeting scheduling as soon as they are known.
- 17 The Chair thanked the WG2 Vice-Chair for his leadership in the absence of the WG2
18 Chair.
- 19 No actions requested from Plenary at this time.
- 20 • WG3 REPORT: The WG3 report (C00-20070723-103) was presented by WG3 Chair,
21 Ed Tiedemann (QUALCOMM), as FYI.
- 22 • Targeting completion of UMB Evaluation Methodology by the December
23 2007 meeting.
- 24 • ITU AdHoc responsibility transfer is now complete.
- 25 No actions requested from Plenary at this time.
- 26 • WG4 REPORT: The WG4 report (C00-20070723-104) was presented by Kurt
27 Bantle (Spirent), as FYI.
- 28 The Chair thanked Kurt for his representation of WG4 in the absence of the WG4
29 Chairs.
- 30 **DECISION: C.P0044-A v0.9 Interoperability Specification for cdma2000 Air
31 Interface (C00-20070723-109) was approved without objection for publication
32 as C.S0044-A v1.0 and liaised to TR45.5.**
- 33 **DECISION: C.P0032-A v1.9 Recommended Minimum Performance Standards
34 for cdma2000 High Rate Packet Data Access (C00-20070723-110) was approved
35 without objection for publication as C.S0032-A v2.0 and liaised to TR45.5.**
- 36 **DECISION: C.S0031-0 Signaling Conformance Tests for cdma2000 Spread
37 Spectrum Systems was rescinded without objection. The 3GPP2 Secretariat
38 will be requested to notify the 3GPP2 OPs of this action.**

- 1 • WG5 REPORT: The WG5 report (C00-20070723-105R1) was presented by the
2 WG5 Chair, Bjorn Hjelm (ALLTEL), as FYI.
- 3 • Completed completeness and consistency checks on three (3) TSG-C WI.
- 4 • Assigned the following document numbers: None.
- 5 • TSG-C Work Item proposal for development of Enhancements for Femto and
6 Pico Cell Support was withdrawn by the supporters in favor of 3GPP2-00189.
- 7 • An interim conference call has been scheduled for 8 August 2007 during the
8 5:00–7:00 PM to address 3GPP2 Workplan updates and transition plan as a
9 result of the restructuring of TSG-C.

10 **DECISION: A summary of all TSG-C comments on 3GPP2 Drafting Rules**
11 **(C00-20070723-105A) was approved for liaison to the 3GPP2 WPD AdHoc.**

12 **DECISION: Proposed correspondence to TSG-S regarding Proposed WI**
13 **Review (C00-20070723-108R1) was approved without objection for**
14 **transmission with its attachment.**

15 The Chair expressed the gratitude of the TSG to the WG5 Chair for his leadership
16 and perseverance during his tenure in this position.

- 17 • NTAH REPORT: The NTAH report (C00-20070723-106) was presented by the
18 NTAH Chair, Anthony Soong (Huawei), as FYI.
- 19 • NTAH set up two study groups:
- 20 • Requirement Study Group (RSG), chaired by Daegyun Kim
21 (Samsung), is tasked with the following:
- 22 • Determine the requirements for the IMT-Advance system as
23 set forth in the ITU;
- 24 • Determine if the ITU requirements are reasonable for 3GPP2;
- 25 • Determine the requirements for the next generation system for
26 3GPP2.
- 27 • Evaluation Methodology Study Group (EMSG), chaired by Soonyil
28 Kwon (LGE), is tasked with the following:
- 29 • Review the evaluation methodology document from the ITU;
- 30 • Identify evaluation methodologies that are not agreeable to
31 3GPP2 and develop changes to the evaluation methodologies;
- 32 • Develop the evaluation methodology to be used in next
33 generation development.
- 34 • NTAH also requested that the ITU AHG develop a list of documents together
35 with the submission dates for IMT-Advanced.
- 36 • NTAH agreed that it is necessary for 3GPP2 to establish liaison relationship
37 with NGMN and is therefore inquiring of the plenary the status of the liaison
38 relationship. **ACTION: The Chair noted the request to establish liaison**
39 **relationship with NGMN and advised that he would follow up with the**
40 **3GPP2 Secretariat.**

1 No actions were requested of Plenary at this time.

2 15. LIAISON REPORTS:

3 • OP: No contributions or discussions.

4 • SC: No contributions or discussions.

5 • 3GPP2 SECRETARIAT: E-mail correspondence dated 23 July 2007 regarding
6 V&V extension on C.P0084-001-0 v1.088 Physical Layer for Ultra Mobile
7 Broadband (UMB) Air Interface Specification (C00-20070723-108) was presented
8 from the 3GPP2 Secretariat as FYI for TSG-C.

9 • TSG-A: No contributions or discussions.

10 • TSG-S: The following contributions were discussed:

11 • The TSG-S Liaison Report for July 2007 (C00-20070723-116) was presented
12 from the TSG-S Liaison as FYI for TSG-C.

13 • Correspondence to all TSGs dated 26 July 2007 announcing joint session for
14 the tutorial on femto and pico cells in the August 2007 meeting in Montreal
15 (C00-20070723-117) was presented from TSG-S. **ACTION: This**
16 **contribution was remanded to all WGs as FYI.**

17 • Correspondence to all TSGs dated 26 July 2007 regarding TSG Review of
18 S.P0125-0 v0.5 VoIP Supplementary Service Descriptions (C00-20070723-
19 118) was presented from TSG-S. **ACTION: This contribution was**
20 **remanded to all WGs as FYI.**

21 • Correspondence to all TSGs dated 26 July 2007 requesting TSG comment for
22 S.R0124-0 v0.3 IP Based Evolved Network NAM (C00-20070723-119) was
23 presented from TSG-S. **ACTION: This contribution was remanded to all**
24 **WGs for review and comment with comments to be coordinated by WG1.**

25 • Correspondence to TSG-C dated 26 July 2007 regarding TSG-C Terms of
26 Reference Proposal remanded action from the June 2007 Steering Committee
27 (C00-20070723-120) was presented from TSG-S as FYI for TSG-C.

28 • Correspondence to TSG-C and TSG-X dated 26 July 2007 regarding Work
29 Item 3GPP2-00187 (C00-20070723-121) was presented from TSG-S.
30 **ACTION: This contribution was remanded to WG5 and WG1 for**
31 **review and action as appropriate.**

32 • Correspondence to TSG-X dated 26 July 2007 regarding X.S0054 CAN
33 schedule (C00-20070723-122) was presented from TSG-S as FYI for TSG-C.

34 • TSG-X: Correspondence to all TSGs dated 26 July 2007 regarding CAN QoS (C00-
35 20070723-123) was presented from TSG-X. **ACTION: This contribution was**
36 **remanded to all WGs for review and comment with comments to be**
37 **coordinated by WG1.**

38 • TIA: No contributions or discussions.

- 1 • ITU: No contributions or discussions.
- 2 • CDG: No contributions or discussions.
- 3 • 3GPP: No contributions or discussions.
- 4 • OTHER: No contributions or discussions.

5 16. OLD BUSINESS (continued): A Proposed WI for C.P0073-0 Signaling Test Specification
 6 for Mobile Station Equipment Identifier (MEID) Support for cdma2000 Spread Spectrum
 7 Systems (C00-20070723-111) was presented from Spirent, Sierra Wireless, and Alcatel-
 8 Lucent. **ACTION: This contribution was remanded to WG1 and WG5 for review and**
 9 **action as appropriate.**

10 17. NEW BUSINESS (continued): No contributions or discussions.

11 18. FUTURE MEETING SCHEDULE:

27-31 August 2007	Hilton Montreal Bonaventure in Montreal, QC, Canada
8-12 October 2007	Renaissance Long Beach Hotel in Long Beach, CA, USA
5-9 November 2007	Hotel New Otani Osaka in Osaka, Japan

12

13 19. OPEN DISCUSSION AND OTHER BUSINESS: The Chair made the following comments:

- 14 • The Chair will notify the TSG if an early closing Plenary should be expected in
 15 Montreal once the workload for that meeting can be assessed.

16 20. ASSIGNMENTS: The open action items, other than standard document remands, are noted
 17 below:

18 070622-01 The Reply LS to 3GPP2 TSG-S dated 7 June 2007 regarding Mobility
 19 interworking between 3GPP and 3GPP2 systems (C00-20070618-106) was
 20 remanded to all WGs for review and comments with comments, if any, to be
 21 coordinated by WG5 for response as an output of the July 2007 meeting in Calgary.

22 070702-01 C.P0084-0 Overview and Upper Layer for Ultra Mobile Broadband (UMB)
 23 Air Interface Specification (C00-20070702-016) were held OPEN at the Plenary
 24 level pending completion of C.P0084-001-0 Physical Layer for Ultra Mobile
 25 Broadband (UMB) Air Interface Specification. Action was deferred until completion
 26 of V&V processing for C.P0084-001-0 Physical Layer for Ultra Mobile Broadband
 27 (UMB) Air Interface Specification.

28 070723-01 Correspondence to 3GPP2 Secretariat dated 21 June 2007 regarding 3GPP2
 29 Spec Page (C00-20070723-005) from TSG-A was remanded to all WGs for review
 30 and comment by the closing Plenary of the August 2007 meeting in Montreal.

31 070723-02 WG5 was requested to prepare a transition plan to transfer all WG5 actions
 32 and responsibilities back into WG1 by the August 2007 meeting in Montreal.

1 070723-03 The revised TSG-C Terms of Reference (C00-20070723-115A) are being held at
2 the Plenary level until the next SC pending disposition of on-going OP discussions
3 regarding 3GPP2 scope.

4 070723-04 ITU AdHoc to develop and provide NTAH with a list of documents together
5 with the submission dates for IMT-Advanced.

6 070723-05 The Chair noted the request to establish liaison relationship with NGMN and
7 advised that he would follow up with the 3GPP2 Secretariat.

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10 21. ADJOURNMENT: The Plenary was adjourned on 26 July 2007 at 7:07 PM local time.

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NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20070723-			
000	DOCUMENT REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVED
002	TSG-C Meeting Summary - June 2007 – Kunming, China	SECRETARY	APPROVED R1
003	TSG-C Meeting Summary – 2 July 2007 – Interim Plenary Conference Call	SECRETARY	APPROVED R1
004	TSG-S Document Status Table – June 2007	TSG-S	ALL WGs
005	Correspondence to 3GPP2 Secretariat dated 21 June 2007 regarding 3GPP2 Spec Page	TSG-A	ALL WGs
006	Correspondence to CDG ETO dated 21 June 2007 regarding CDG ETO Recommendations on 3GPP2 Network Evolution	TSG-A	FYI
007	Correspondence to TSG-X dated 21 June 2007 regarding Inter-AGW Handoff	TSG-A	FYI
008	Correspondence to TSG-S dated 18 June 2007 regarding Review Comments – S.P0115 v1.1 All IP Network Emergency Call Support	TSG-X	WG5
009	Correspondence to TSG-S dated 21 June 2007 regarding Review Items	TSG-X	WG5
010	Correspondence to ATIS ESIF dated 21 June 2007 regarding Response to ESIF Liaison Entitled “Request for Input/Comments Regarding the ATIS ESIF Evaluation of Location Acquisition Protocols”	TSG-X	WG1, WG2
011	Correspondence to TSG-S dated 21 June 2007 regarding Status of PPP-Free Operation Work	TSG-X	WG1, WG2, WG5
012	Correspondence to IETF dated 21 June 2007 regarding PMIPv4/PMIPv6 Dependency	TSG-X	WG2, WG5

NUMBER	SUBJECT	SOURCE	ACTION
013	Correspondence to CDG ETO dated 21 June 2007 regarding CDG ETO Recommendations on 3GPP2 Network Evolution	TSG-X	FYI
014	Correspondence to 3GPP SA dated 21 June 2007 regarding Common IMS	TSG-X	FYI
015	Correspondence to TSG-S dated 21 June 2007 regarding 3GPP2 UMB-1 System Release Review and Questions	TSG-X	WG5
016	3GPP2 SC Meeting Summary - June 2007 – Kunming, China	3GPP2 SECRETARIAT	ALL WGs
017	E-mail correspondences regarding re-publication of C.S0024-0 v2.0 cdma2000 High Rate Packet Data Air Interface Specification	3GPP2 SECRETARIAT	FYI
018	E-mail correspondence dated 25 June 2007 regarding V&V review of C.P0014-C v0.3 Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, and 70, Specification	3GPP2 SECRETARIAT	FYI
019	E-mail correspondence dated 25 June 2007 regarding V&V review of C.P0018-B v0.3 Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3 and 68, Minimum Performance Specification (MPS)	3GPP2 SECRETARIAT	FYI
020	E-mail correspondence dated 5 July 2007 regarding V&V review extension for C.P0084-001-0 Physical Layer for Ultra Mobile Broadband (UMB) Air Interface Specification	3GPP2 SECRETARIAT	FYI
021	E-mail correspondences regarding V&V extensions for C.P0018-B v0.3, C.P0014-C v0.3, and C.P1010-0 v0.9	3GPP2 SECRETARIAT	FYI
022	LS dated July 2007 regarding a single joint speech and audio compression algorithm	ISO/IEC JTC1/SC29/WG11	WG1
023	TIA ballot summary for C.P0083-0 (PN-3-0265, to be published as TIA-1133) Video Codec for 3GPP2 Packet Switched Multimedia Services	TIA TR45.5	WG1

NUMBER	SUBJECT	SOURCE	ACTION
024	TIA ballot summary for C.P0018-B (PN-3-3648-RV2, to be published as TIA-718-B) Minimum Performance Specification for the Enhanced Variable Rate Codec, Speech Service Options 3 and 68 for spread Spectrum Digital Systems	TIA TR45.5	WG1
025	TIA ballot summary for C.P0032-A v1.8 (PN-3-4913-RV1-AD1, to be published as TIA-864-A-1) Recommended Minimum Performance Standards for cdma2000 [®] High Rate Packet Data Access Network	TIA TR45.5	WG4
026	TIA ballot summary for C.P0034-A v1.8 (PN-3-4916-RV1-AD1, to be published as TIA-866-A-1) Recommended Minimum Performance Standards for cdma2000 [®] High Rate Packet Data Access Terminals	TIA TR45.5	WG4
027	TIA ballot summary for C.P0035-A (PN-3-0051-RV1-AD1, to be published as TIA-915-A-1) CDMA Card Application Toolkit (CCAT)	TIA TR45.5	WG1
028	TIA ballot summary for C.P0044-A (PN-3-0155-RV1-AD1, to be published as TIA-1036-A) Interoperability Test Specification for cdma2000 Air Interface	TIA TR45.5	WG4
029	Proposed correspondence to TSG-S regarding 3GPP2 Workplan Update	WG5	APPROVED
030	Proposed correspondence to TSG-S regarding Stage 1 Review	WG5	APPROVED
031	V&V comments regarding C.1010-0 v0.9 Software Distribution for H.263 Video Codec for 3GPP2 Packet Switched Multimedia Services	3GPP2 SECRETARIAT	WG1
032	Mobile Application Testing & Standards	TR LABS	FYI
033	TSG-C Restructure	CHAIR	ALL WGs, NTAH
034	IMT-Advanced Information	CHAIR, VICE-CHAIR	NTAH
035	E-mail correspondence dated 18 July 2007 regarding TSG-X and TSG-C scope of work joint discussion	PMT CHAIR	FYI
036	Next Steps in TSG-C	LGE	NTAH

NUMBER	SUBJECT	SOURCE	ACTION
037	Proposed Work Item for Enhancement of Positioning for HRPD Access Terminals	AIRVANA, SPRINT, AND QUALCOMM	WG5
038	Proposed TSG-C Work Topics	QUALCOMM	NTAH
039	3GPP2 Workplan – July 2007	3GPP2 SECRETARIAT	ALL WGs
040	Correspondences to TSG-A, TSG-C, and TSG-X dated 19 July 2007 regarding CDG ETO Responses to 3GPP2 TSG Comments on Network Evolution Requests for Action	CDG ETO	ALL WGs
041	WG4 Interim Report	WG4	FYI
042	ITU-R WP8F IMT-Advanced Schedule and Process	ITU ADHOC	NTAH

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CLOSING PLENARY – C00-20070723-			
101	WG1 Report	WG1	FYI
102	WG2 Report	WG2	FYI
103	WG3 Report	WG3	FYI
104	WG4 Report	WG4	FYI
105	WG5 Report	WG5	FYI, 105A APPROVED
106	NTAH Report	NTAH	FYI
107	E-mail correspondence dated 23 July 2007 regarding Additional V&V E-mail correspondence dated 23 July 2007 regarding V&V extension on C.P0084-001-0 v1.088 Physical Layer for Ultra Mobile Broadband (UMB) Air Interface Specification	3GPP2 SECRETARIAT	FYI
108	Proposed correspondence to TSG-S regarding Work Item Review	WG5	APPROVED R1
109	C.P0044-A v.09 Interoperability Specification for cdma2000 Air Interface proposed publication text	WG4	APPROVED
110	C.P0032-A v1.9 Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access	WG4	APPROVED
111	Proposed WI for C.P0073-0 Signaling Test Specification for Mobile Station Equipment Identifier (MEID) Support for cdma2000 Spread Spectrum Systems	SPIRENT, SIERRA, AND ALCATEL- LUCENT	WG1, WG5
112	C.P0018-B v0.9 Minimum Performance Specification for the Enhanced Variable Rate Codec, Speech Service Options 3 and 68 for Wideband Spread Spectrum Digital Systems (to be published as C.S0018-B v1.0) Proposed Publication Text	WG1	APPROVED

113	C.P0035-A CDMA Card Application Toolkit (CCAT) (to be published as C.S0035-A v2.0) Proposed Publication Text	WG1	APPROVED
114	Proposed Correspondence to 3GPP request for specification clarification for Multimode System Selection	WG1	APPROVED
115	WG1 Chair report on the TSG-C ToR discussion in PMT Joint Meeting	WG1	FYI 115A APPROVED
116	TSG-S Liaison Report – July 2007	TGS-S LIAISON	FYI
117	Correspondence to all TSGs dated 26 July 2007 announcing joint session for the tutorial on femto and pico cells in the August 2007 meeting in Montreal	TSG-S	ALL WGs
118	Correspondence to all TSGs dated 26 July 2007 regarding TSG Review of S.P0125-0 v0.5 VoIP Supplementary Service Descriptions	TSG-S	ALL WGs
119	Correspondence to all TSGs dated 26 July 2007 requesting TSG comment for S.R0124-0 v0.3 IP Based Evolved Network NAM	TSG-S	ALL WGs
120	Correspondence to TSG-C dated 26 July 2007 regarding TSG-C Terms of Reference Proposal remanded action from the June 2007 Steering Committee	TSG-S	ALL WGs
121	Correspondence to TSG-C and TSG-X dated 26 July 2007 regarding Work Item 3GPP2-00187	TSG-S	WG5
122	Correspondence to TSG-X dated 26 July 2007 regarding X.S0054 CAN schedule	TSG-S	FYI
123	Correspondence to all TSGs dated 26 July 2007 regarding CAN QoS	TSG-X	ALL WGs

3GPP2 QUORUM ROLL CALL
 TSG-C (cdma2000 Air Interface)
 Calgary, AB, Canada
 27-Jul-07

INDIVIDUAL MEMBER COMPANY	Attendance CLOSING	Attendance CLOSING	Consec Mtgs Missed	Voting Status	Quorum Status	Voting Status	Quorum Status
	7/23/2007	7/27/2007	Including this Mtg	This Meeting	This Meeting	Next Meeting*	Next Meeting*
AGILENT TECHNOLOGIES			0	1	1	1	1
AIRCELL			0	1	1	1	1
AIRVANA	1		0	1	1	1	1
ALCATEL-LUCENT	1		0	1	1	1	1
ALLTEL	1		0	1	1	1	1
BELL CANADA			3	0	0	0	0
CHINA UNICOM	1		0	0	0	1	1
DOCOMO US LABORATORIES			2	0	0	0	0
ERICSSON	1		0	1	1	1	1
ETRI			3	0	0	0	0
FRANCE TELECOM			3	0	0	0	0
FUJITSU			3	1	1	0	0
GEMALTO	1		0	1	1	1	1
HITACHI	1		0	1	1	1	1
HUAWEI	1		0	1	1	1	1
INTERDIGITAL			3	0	0	0	0
KDDI	1		0	1	1	1	1
KYOCERA	1		0	1	1	1	1
LG ELECTRONICS	1		0	1	1	1	1
LG TELECOM	1		0	1	1	1	1
MOTOROLA	1		0	1	1	1	1
NEC	1		0	1	1	1	1
NOKIA	1		0	1	1	1	1
NOKIA-SIEMENS	1		0	1	1	1	1
NORTEL NETWORKS	1		0	1	1	1	1
QUALCOMM	1		0	1	1	1	1
RESEARCH IN MOTION	1		0	1	1	1	1
RITT	1		0	1	1	1	1
ROHDE & SCHWARZ	1		0	1	1	1	1
SAMSUNG	1		0	1	1	1	1
SIERRA WIRELESS	1		0	0	0	1	1
SK TELECOM	1		0	0	0	1	0
SPIRENT COMMUNICATIONS	1		0	0	0	1	0
SPRINT/NEXTEL	1		0	1	1	1	1
TELCOWARE	1		0	1	0	1	1
TELLABS			3	0	0	0	0
TOSHIBA	1		0	1	1	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
TOTALS	26	0		30	29	33	31
QUORUM CALCULATION	90%	0%					
ADDITIONS							
OBSERVERS AND GUESTS							
ARIB	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.