

1 **Title:**

2 **APPROVED SUMMARY OF TSG-C MEETING**

3 for 18-22 July 2005 in Philadelphia, PA, USA

4 **Source:**

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14 **Abstract:**

15 This document is a summary of the 3GPP2 TSG-C meetings that were held during the period of
16 18-22 July 2005 in Philadelphia, PA, USA.

17

18 **Recommendations:**

19 For review and approval.

20

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1 During the period of 18-22 July 2005, 3GPP2 TSG-C meetings were held at the Sofitel
2 Philadelphia hotel in Philadelphia, PA, USA. This document is intended to summarize those
3 proceedings.

4 5 OPENING PLENARY

- 6 1. CALL TO ORDER AND OPENING REMARKS: The meeting was called to order at
7 8:45 AM local time on 18 July 2005 by TSG-C Chair, BK Yi (LGE).

8 The Chair welcomed everyone to Philadelphia, PA, USA. The objectives of this meeting
9 included initial organization of NxEV-DO.

10 The Chair introduced the newest member of the 3GPP2 Secretariat and the staff member
11 assigned to support Secretariat processing of TSG-C document, Katie Hood, to the TSG.

- 12 2. ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of companies indicated
13 that 31 companies included on the list of 35 quorum members were present (89%
14 participation). Thus, meeting quorum was achieved.

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

- 16 3. INTRODUCTION AND NUMBERING OF CONTRIBUTIONS: Contributions were
17 loaded onto the 3GPP2 LAN server and listed in the document register (C00-20050718-
18 000R1).

- 19 4. AGENDA APPROVAL: The proposed agenda (C00-20050718-001R1) was presented.
20 **DECISION: The agenda was approved without objection as submitted (C00-
21 20050718-001R1).**

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

- 24 6. APPROVAL OF PREVIOUS MEETING SUMMARY: The summary of the TSG-C
25 meeting for June 2005 that was held in Seoul, Republic of Korea (C00-20050718-002) was
26 presented. **DECISION: The meeting summary was approved without objection as
27 submitted (C00- 20050718-002).**

- 28 7. REVIEW OF OUTSTANDING ACTIONS FROM PREVIOUS MEETING: The action
29 items from the June 2005 face-to-face meeting were noted as follows:

- 30 • The Outline of NxEV-DO requirements (C00-20050516-128) was remanded to all
31 WGs for review and comment on or before an interim Plenary on Thursday 23 June
32 2005.

33 This contribution was left OPEN until closing Plenary.

- 34 • Duncan Ho (QUALCOMM) was recommended as the SWG2.1 Chair but the TSG-C
35 Chair deferred approval of that appointment until other companies were allowed
36 time to submit candidates if they desired. **ACTION: Additional candidates for
37 the position of SWG2.1 Chair should be submitted ASAP.**

38 This action was left OPEN until closing Plenary.

- 1 • The TSG-C Secretary was admonished that contact to external groups should not be
2 made without approval of the TSG-C Plenary.
- 3 This action is on-going.
- 4 • The process of distribution of the meeting summary is modified as follows:
- 5 • The Secretary will distribute the draft summary to the TSG-C Chair and Vice
6 Chairs for review and comment.
- 7 • The Secretary will incorporate any comments from the Chair/Vice Chairs or,
8 in the absence of comments from them by COB on the following Thursday,
9 the Secretary will then distribute the summary to the TSG-C exploder.
- 10 • All comments on the meeting summary must be made to the TSG-C exploder
11 and the Chair must explicitly direct the Secretary which comments should be
12 applied to the summary.
- 13 This action is on-going.
- 14 8. CORRESPONDENCE: None.
- 15 9. LIAISON REPORTS:
- 16 • OP: No contributions.
- 17 • SC: The following contributions were discussed:
- 18 • The SC meeting summary from the June 2005 meeting in Seoul (C00-
19 20050718-006) was presented from the 3GPP2 Secretariat plus an executive
20 summary by the TSG-C Secretary were noted as FYI.
- 21 • **ACTION: SC ACTION 2005/06-08 regarding removal of**
22 **references to SDO transposed standards from published 3GPP2**
23 **specifications was remanded to all WGs for review and action as**
24 **appropriate.**
- 25 • **ACTION: SC ACTION 2005/06-10 regarding a required report**
26 **to the SC from the TSG outlining the additional effort**
27 **(man-hours) needed to produce a clean 3GPP2 specification in**
28 **addition to a revision-marked version, and the additional time**
29 **delay that would be needed to produce the clean version was**
30 **remanded to all WGs for review and comment with comments to**
31 **be coordinated by WG1.**
- 32 • The OMA Liaison Report to SC for June 2005 (C00-20050718-007) was
33 presented from the 3GPP2 Secretariat as an SC remand. **ACTION: This**
34 **contribution was remanded to all WGs as FYI regarding the addressing**
35 **of liaisons to OMA.**
- 36 • The Unofficial Summary of 3GPP2 Evolution Workshop (C00-20050718-
37 008) was presented from the SC Evolution AdHoc Secretary as FYI for the
38 TSG.

- 1 • 3GPP2 SECRETARIAT: The following contributions were discussed:
- 2 • E-mail correspondence dated 1 July 2005 regarding V&V review of
- 3 C.P0029-A v0.9 Test Application Specification (TAS) for High Rate Packet
- 4 Data Air Interface (C00-20050718-009) was presented from the 3GPP2
- 5 Secretariat as FYI.
- 6 • E-mail correspondence dated 1 July 2005 regarding V&V review of
- 7 C.P0068-0 v0.91 ME Personalization for cdma2000 (C00-20050718-010)
- 8 was presented from the 3GPP2 Secretariat as FYI.
- 9 • E-mail correspondence dated 1 July 2005 regarding V&V review of
- 10 C.P0038-A v0.9 Signaling Conformance Specification for High Rate Packet
- 11 Data Air Interface (C00-20050718-011) was presented from the 3GPP2
- 12 Secretariat as FYI.
- 13 • E-mail correspondence dated 5 July 2005 regarding V&V review extension
- 14 for C.P0056-0 v0.93 - Electro-Acoustic Recommended Minimum
- 15 Performance Specification for cdma2000 Mobile Stations (and Software
- 16 Distribution) (C00-20050718-012) was presented from the 3GPP2 Secretariat
- 17 as FYI.
- 18 • E-mail correspondence dated 1 July 2005 regarding SC level review of
- 19 3GPP2-00067-A Voice Over IP (VoIP) Phase II (C00-20050718-013) was
- 20 presented from the 3GPP2 Secretariat. **ACTION: This contribution was**
- 21 **remanded to WG5 for review and action as appropriate.**
- 22 • Correspondence dated 24 June 2005 to TSG-A, TSG-C, and TSG-X
- 23 regarding Proposed Work Item Review (C00-20050718-014) was presented
- 24 from the 3GPP2 Secretariat as FYI.
- 25 • E-mail correspondence dated 13 July 2005 regarding 3GPP2 Participation in
- 26 October Global ICID Forum & NGT IMS Event (C00-20050718-019) was
- 27 presented from the 3GPP2 Secretariat as FYI.
- 28 • The 3GPP2 Workplan Reports (C00-20050718-031) were presented from the
- 29 3GPP2 Secretariat. **ACTION: This contribution was remanded to all**
- 30 **WGs for review and comment with comments to be coordinated by**
- 31 **WG5.**
- 32 • TSG-A: No contributions.
- 33 • TSG-S: The following contributions were discussed:
- 34 • The TSG-S Document Status Table from June 2005 (C00-20050718-003)
- 35 was presented from TSG-S. **ACTION: This contribution was remanded**
- 36 **to all WGs for review and comment with comments to be coordinated**
- 37 **by WG1.**
- 38 • Correspondence dated 23 June 2005 to TSG-C SWG2.5 regarding Proposed
- 39 HRPD Key Exchange Protocol Enhancement (C00-20050718-015) was
- 40 presented from TSG-S. **ACTION: This contribution was remanded to**
- 41 **WG2 for review and action as appropriate.**

- 1 • Agenda for joint TSG meeting on HRPD-3G1X Interworking on 20 July
2 2005 (C00-20050718-016) was presented from TSG-S. **ACTION: This**
3 **contribution was remanded to WG2 for review and action as**
4 **appropriate and to all other TSGs as FYI.**
- 5 • Correspondence dated 20 April 2005 regarding implementation of advanced
6 encryption algorithms (C00-20050718-018) was presented from TSG-S.
7 **ACTION: This contribution was remanded to WG2 for review and**
8 **action as appropriate.**
- 9 • TSG-X: The following contributions were discussed:
- 10 • Correspondence dated 24 June 2005 regarding Band Class/Band Subclass
11 (C00-20050718-004) was presented from TSG-X. **ACTION: This**
12 **contribution was remanded to WG2 and WG3 for review and comment**
13 **with comments to be coordinated by WG3.**
- 14 • Correspondence dated 24 June 2005 regarding Comments on Worksheets
15 3GPP2-00112 through 3GPP2-00115 (C00-20050718-005) was presented
16 from TSG-X. **ACTION: This contribution was remanded to WG5 as**
17 **FYI.**
- 18 • TR45: The following contributions were discussed:
- 19 • The TIA ballot summary for PN-3-0162, TIA-1042 Electro-Acoustic
20 Recommended Minimum Performance Specification for cdma2000 Mobile
21 Stations (C00-20050718-020) was presented from TR45.5. **ACTION: This**
22 **contribution was remanded to WG4 for review and action as**
23 **appropriate.**
- 24 • The TIA ballot summary for PN-3-4691-RV7, TSB-58-G Administration of
25 Parameter Value Assignment of cdma2000 Spread Spectrum Standards
26 (C00-20050718-021) was presented from TR45.5. **ACTION: This**
27 **contribution was remanded to WG1 for review and action as**
28 **appropriate.**
- 29 • The TIA ballot summary for PN-3-0117-RV1.SF1, TIA-1016-A[SF1]
30 Software Distribution for VMR-WB Specification (C00-20050718-022) was
31 presented from TR45.5. **ACTION: This contribution was remanded to**
32 **WG1 for review and action as appropriate.**
- 33 • The TIA ballot summary for PN-3-0118-RV1, TIA-1017-A VMR-WB
34 Minimum Performance Specification (C00-20050718-023) was presented
35 from TR45.5. **ACTION: This contribution was remanded to WG1 for**
36 **review and action as appropriate.**
- 37 • The TIA ballot summary for PN-3-0218, TIA-1082 MEID for cdma2000
38 Spread Spectrum Systems (C00-20050718-024) was presented from TR45.5.
39 **ACTION: This contribution was remanded to WG2 for review and**
40 **action as appropriate.**
- 41 • ITU: No contributions.
- 42 • OMA: No contributions.

- 1 • 3GPP: No contributions.
- 2 • Other: The following contributions were discussed:
 - 3 • Correspondence dated 17 March 2005 regarding request for liaison
 - 4 relationship (C00-20050718-028) was presented from CCF (CDMA
 - 5 Certification Forum).
 - 6 • **ACTION: This contribution was remanded to WG4 as FYI.**
 - 7 • **ACTION: This contribution will be forwarded to the SC Chair**
 - 8 **for further direction. It is being held OPEN at the Plenary level**
 - 9 **pending that direction.**

10 10. WORKING GROUP REPORTS:

- 11 • A WG1 interim report (C00-20050718-025) was presented by Joe Schumacher
- 12 (Motorola), as FYI:
 - 13 Ericsson noted that they had submitted a new requirement after the joint
 - 14 WG1/WG2/WG3 meeting that was not noted in the WG1 Report.
 - 15 **ACTION: The proposed WI for Vocoder enhancements for voice quality and**
 - 16 **system capacity improvements - EVRC-B (C00-20050620-027) was remanded to**
 - 17 **WG1 as FYI.**

18 Regarding NxEV-DO Phase I Requirements:

- 19 • The Outline of NxEV-DO Phase I Requirements (C00-20050718-026) was
- 20 presented as a consensus from discussions between WG1, WG2, and WG3.
- 21 • A contribution regarding a new NxEV-DO Requirement (C0020050718-032)
- 22 was presented from Ericsson. The proposed requirement was for
- 23 simultaneous data transmission over NxEV-DO and 3G1X carriers.

24 **ACTION: These contributions were remanded to all WGs for review and**

25 **comment by the closing Plenary.**

- 26 • WG2 Chair, Orlett Pearson (Lucent) verbally noted the WG2 activities of the week
- 27 as follows:
 - 28 • The following documents are expected for action at the closing Plenary:
 - 29 • C.P0072 MEID
 - 30 • C.P0024-A HRPD
 - 31 • C.P0067 Generic Key Exchange

32 No actions required from Plenary

- 33 • WG3 Chair, Ed Tiedemann (QUALCOMM), verbally noted the WG3 activities of
- 34 the week as follows:
 - 35 • Participated in joint meeting on NxEV-DO Requirements.

36 No actions required from Plenary at this time.

- 1 • WG4 Vice Chair, Dave Whipple (Agilent), verbally noted the WG4 activities of the
2 week as follows:
- 3 • WG4 had a very hectic activity during the interim with meetings almost daily
4 at some times
- 5 • Hoping to bring the following documents in for action at closing Plenary:
6 • Electro-Acoustic MPS
7 • AT MPS for HRPD
- 8 • An interim Plenary conference call during the month of August 2005 will be
9 officially requested at closing Plenary.

10 **DECISION: C.P0032-A v0.90 Recommended Minimum Performance**
11 **Standards for cdma2000 High Rate Packet Data Access Network**
12 **(C00-20050718-027) was approved without objection for V&V by the 3GPP2**
13 **OPs and TSG-C with comments due on or before 22 August 2005.**

- 14 • WG5 Chair, Bjorn Hjelm (ALLTEL), verbally noted the WG5 activities of the week
15 as follows:
- 16 • Two(2) TSG-C WIs and ten (10) 3GPP2 WIs will be presented for action at
17 closing Plenary.

18 No action required from the Plenary at this time.

19 11. OLD BUSINESS:

- 20 • A contribution regarding a proposed WI for C.S0063 HRPD Supplemental Services
21 point release (C00-20050718-030) was presented from Airvana, Nortel, and
22 QUALCOMM. **ACTION: This contribution was remanded to WG5 for**
23 **consistency check.**

24 12. ITU PROCESS/APPROVAL: No contributions.

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

- 26 • A contribution regarding KDDI position on TSG-C Meeting Summary distribution
27 (C00-20050718-029) was presented by KDDI. The Chair indicated that he would
28 discuss these issues with his Vice Chairs and provide his comments by closing
29 Plenary.

30 This session was recessed on 18 July 2005 at 11:40 PM local time.

31

32 **CLOSING PLENARY**

33 The meeting was reconvened on 22 July 2005 at 8:55 AM local time.

34 Quorum was established at the opening Plenary and not challenged at this time. No additional
35 3GPP2 individual member company were noted in attendance.

1 **DECISION: Regarding the KDDI contribution requesting modifications to the meeting**
2 **summary approval (C00-20050718-029), the Chair directed the following:**

- 3 • **The Chair and Vice Chair will review the meeting summary by COB on Tuesday prior**
4 **to distribution to the TSG-C participants.**
- 5 • **The Chair specifically authorized the Secretary to make editorial modifications to the**
6 **meeting summary.**

7 This contribution was noted as FYI for the TSG.

8

9 14. WORKING GROUP REPORTS:

- 10 • **WG1 REPORT:** The WG1 report (C00-20050718-101) was presented by Keith
11 Miller (Nokia), as FYI.
 - 12 • Approved SC Review text for the following document(s):
 - 13 • C.P0053-A, VMR-WB MPS
 - 14 • C.P0052-A, Software Distribution for VMR-WB Specification
 - 15 • Approved V&V text C.P0053-A, Software distribution for VMR-WB MPS
 - 16 • Approved Baseline text for the following document(s):
 - 17 • C.P0069-0 (ISIM Application on UICC for cdma2000 Spread
18 Spectrum Systems).
 - 19 • C.P00XX-0 v0.2 (UICC-Terminal Physical and Logical
20 Characteristics for cdma2000 Spread Spectrum Systems)
 - 21 • Finalized WG1 review of issues concerning NxEV-DO. Noted no consensus
22 on the additional requirement proposed by Ericsson.
 - 23 • Initiated resolution of C.P1001-E (Parameter Values Assignment). The WG
24 will conduct a conference call on August 23 3-5 PM US Central to resolve
25 the open comments. Conference bridge: +1-416-621-1671. Access code:
26 6735903.

27 **DECISION: C.P0053-A VMR-WB MPS (C00-20050718-109) was approved**
28 **without objection for publication as C.S0053-A v1.0 and liaised to TR45.5.**

29 **DECISION: C.P0052-A Software Distribution for C.S0052-A v1.0**
30 **(C00-20050718-110) was approved without objection for publication as**
31 **C.R0052-A v1.0 and liaised to TR45.5.**

32 **DECISION: C.P0053-A Software Distribution for C.S0053-A VMR-WB MPS**
33 **(C00-20050718-111) was approved without objection for V&V by the 3GPP2**
34 **OPs and TSG-C with comments due on or before 19 September 2005.**

35 **DECISION: C.P0069-0 v0.2 ISIM Application on UICC for cdma2000 Spread**
36 **Spectrum Systems (C00-20050718-112) was approved without objection as**
37 **baseline text and remanded back to WG1 for R&F.**

1 **DECISION: C.P00xx-0 v0.2 UICC-Terminal Physical and Logical**
2 **Characteristics for cdma2000 Spread Spectrum Systems (C00-20050718-113)**
3 **was approved without objection as baseline text and remanded back to WG1**
4 **for R&F.**

5 **DECISION: Proposed correspondence to TSG-S WG4 regarding R-UIM**
6 **support for LBS Security (C00-20050718-114) was approved without objection**
7 **for transmission.**

8 **DECISION: Proposed Liaison to 3GPP/ETSI regarding CCP tag value**
9 **assignments (C00-20050718-115) was approved without objection for**
10 **transmission.**

11 **DECISION: A request for a C.Pxxxx project number for UICC-Terminal**
12 **Physical and Logical Characteristics for cdma2000 Spread Spectrum Systems**
13 **(C00-20050718-116) was approved without objection for transmission.**
14 **C.P0074-0 was assigned by the WG5 Chair.**

15 **ACTION: WG1 was directed to review FCC plans for E911 on IP packet**
16 **services to see if there is any impact on TSG-C activities or documents.**

- 17 • **WG2 REPORT: The WG2 report (C00-20050718-102) was presented by the WG2**
18 **Chair, Orlett Pearson (Lucent), as FYI.**
 - 19 • **WG2 has no comments on the Enhanced cdma200 SRD Document from a**
20 **technical standpoint. WG2 recommends that a single point of contact**
21 **responsible for managing all aspects of this document be identified rather**
22 **than distributing the management across all WGs (e.g., creating a Plenary**
23 **AdHoc).**
 - 24 • **The cdma2000 Rev. D point release (C.P0001-D v2.0, C.P0003-D v2.0 -**
25 **C.P0006-D v2.0) will be presented at an interim Plenary for approval for**
26 **publication.**
 - 27 • **WG2 identified a need for a new document number for 'cdma2000 High Rate**
28 **Packet Data Notification over 3G1x Systems'.**
 - 29 • **SWG2.5 plans an interim face-to-face meeting in San Diego, CA during the**
30 **period of 16-19 August 2005 to progress their work on NxEV-DO.**
31 **ALLTEL, Sprint, and Verizon offered to sponsor this meeting and will**
32 **distribute meeting details on the e-mail exploder when they become**
33 **available.**

34 **DECISION: Proposed correspondence to TSG-A regarding band class issues**
35 **(C00-20050718-124R2) was approved without objection for transmission.**

36 **DECISION: Proposed correspondence to TSG-A regarding calling party**
37 **number and calling party name presentation (C00-20050718-125R2) was**
38 **approved without objection for transmission.**

39 **DECISION: Proposed correspondence to TSG-X regarding QoS (C00-**
40 **20050718-126) was approved without objection for transmission.**

1 **DECISION: C.P0072 MEID Support for cdma2000 Systems (C00-20050718-**
2 **127) was approved without objection for publication as C.S0072-0 v1.0 and**
3 **liaised to TR45.5.**

4 **DECISION: C.P0024-A cdma2000 High Rate Packet Data Air Interface**
5 **Specification (C00-20050718-128) was approved without objection for**
6 **publication as C.S0024-A v2.0 and liaised to TR45.5.**

7 **DECISION: C.P0054 cdma2000 High Rate Broadcast-Multicast Packet Data**
8 **Air Interface Specification (C00-20050718-129) was approved without objection**
9 **for publication as C.S0054-0 v2.0 and liaised to TR45.5.**

10 **DECISION: C.P0067-0 v0.5 Generic Key Exchange Protocol Specification**
11 **(C00-20050718-130) was approved without objection as baseline text and**
12 **remanded back to WG2 for R&F.**

13 **DECISION: A Request for C.Pxxxx project number for HRPD notification**
14 **over 3G1x systems (C00-20050718-142) was approved without objection.**
15 **C.P0075-0 was assigned by the WG5 Chair.**

- 16 • **WG3 REPORT: The WG3 report (C00-20050718-103) was presented by WG3**
17 **Chair, Ed Tiedemann (QUALCOMM), as FYI.**
 - 18 • Approved the PHY layer portion of C.S0024-A HRPD.
 - 19 • Determined no objections to publication of C.S0054 BCMCS
 - 20 • WG3 has now received a total of 6 component proposals on EBM. Two (2)
 - 21 of those component proposals were approved and are in process of being
 - 22 incorporated into the draft text. WG3 plans to complete resolution of the
 - 23 components by the end of the August interim meeting
 - 24 • WG3 reaffirmed its acceptance of the previously agreed NxEV-DO
 - 25 requirements.
 - 26 • Recommends that NxEV-DO be developed as C.S0024-B.
 - 27 • IPR Issues for M.1457-5: The IPR issues between OMA and TIA have still
 - 28 not been resolved. Based on previous conversation with the ITU, the OPs will
 - 29 be asked by the ITU whether the M.1457-5 submission should be withdrawn
 - 30 or the unpublished documents from that submission deleted. All of the OPs
 - 31 must reach the same decision or the submission will be withdrawn. The OPs
 - 32 are being advised that this decision needs to be made in July.
 - 33 • Details regarding ITU-R Submission for M.1457 Revision 6 have been
 - 34 identified and are being communicated to the OPs.
 - 35 • Plans for upcoming interim meeting and conference calls (additional calls
 - 36 may be scheduled after the interim meeting) have been determined as
 - 37 follows. All calls will be at 4 PM Pacific time.
 - 38 • Conf call: Tuesday 2 Aug 2005
 - 39 • Conf call: Tuesday 9 Aug 2005
 - 40 • Conf call: Thursday 11 Aug 2005 -- ITU AdHoc
 - 41 • Conf call: Tuesday 16 Aug 2005

- 1 • Conf call: Tuesday 23 Aug 2005
- 2 • Meeting: Mon 29 Aug (noon) - Wed 31 Aug 2005 in San Diego, CA
- 3 • Date for all C.S0024-B contributions. Friday before interim
- 4 face-to-face meetings.

5 **DECISION: Proposed correspondence to 3GPP2 OPs regarding M.1457-5**
6 **issues (C00-20050718-137) was approved without objection for transmission.**

7 **DECISION: Proposed correspondence to 3GPP2 OPs regarding reminder for**
8 **SDO actions related to M.1457-6 issues (C00-20050718-138) was approved**
9 **without objection for transmission with its attachment.**

10 **DECISION: The resolution of HRPD Rev. A V&V comments (C00-20050718-**
11 **139R1) was approved without objection for liaison to TR45.5.**

12 **DECISION: C.P0057-A v0.04 Band Class specification (C00-20050718-140)**
13 **was approved without objection as baseline text and remanded back to WG3**
14 **for R&F.**

15 **DECISION: Proposed correspondence to TSG-X regarding band class and**
16 **band subclass issues (C00-20050718-141) was approved without objection for**
17 **transmission.**

- 18 • **WG4 REPORT:** The WG4 report (C00-20050718-104) was presented by WG4 Vice
19 Chair, Dave Whipple (Agilent Technologies), as FYI.
 - 20 • WG4 requests that an Interim TSG-C Plenary conference call (and
21 corresponding TR45.5 meeting) be scheduled for 31 August 2005. WG4
22 would officially receive all SDO review comments and plans to present
23 related documents immediately for publication.
 - 24 • WG4 plans that C.P0032-A and C.P0033-A (HRPD MPS for AN and AT
25 respectively) will be approved for publication at an interim Plenary on
26 August 31, 2005. It is anticipated that work will start immediately on an
27 addendum. It is hoped that these addendum will be sent the Opening Plenary
28 in October for R&F and to the Closing Plenary in October for V&V. A WI
29 proposal is expected from several member companies.

30 **DECISION: C.P0056-0 v0.96 Electro-Acoustic Recommended Minimum**
31 **Performance Specification for cdma2000 Mobile Stations proposed publication**
32 **text and the associated Software Distribution (C00-20050718-117) was approved**
33 **without objection for publication as C.S0056-0 v1.0 and C.R0056-0 v1.0**
34 **respectively. This approval was made without an approved related WI based**
35 **on grandfathering this development effort that preceded the WI process.**

36 **DECISION: C.P0060-0 v0.92 Signaling Conformance Test Specification for**
37 **Over-the-Air Service Provisioning (C00-20050718-118) was approved without**
38 **objection for V&V by the 3GPP2 OPs and TSG-C with comments to be**
39 **returned on or before 19 September 2005.**

1 **DECISION: C.P0073-0 v0.90 Signaling Test Specification for Mobile Station**
2 **Equipment Identifier (MEID) Support for cdma2000 Spread Spectrum Systems**
3 **(C00-20050718-119) was approved without objection for V&V by the 3GPP2**
4 **OPs and TSG-C with comments to be returned on or before 26 August 2005.**

5 **DECISION: C.P0033-A v0.90 Recommended Minimum Performance**
6 **Standards for cdma2000 High Rate Packet Data Access Terminal (C00-**
7 **20050718-120) was approved without objection for V&V by the 3GPP2 OPs and**
8 **TSG-C with comments to be returned on or before 26 August 2005.**

9 **DECISION: An interim TSG-C Plenary conference call will be held on 6**
10 **September 2005 at 5:00 PM US west coast time.**

- 11 • WG5 REPORT: The WG5 report (C00-20050718-105R2) was presented by the
12 WG5 Chair, Bjorn Hjelm (ALLTEL), as FYI.

- 13 • Forwarding the following TSG-C Work Items for Plenary action on approval:
 - 14 • Vocoder enhancements for voice quality and system capacity
15 improvements
 - 16 • VMR-WB
- 17 • Reviewed two (2) TSG-C Work Item proposals (develop a point release to
18 C.S0063, Point Release to C.S0017-012-A v1.0) for "consistency and
19 completeness" and provided comments to the contributors. The work items
20 will remain open for one meeting cycle.
- 21 • Assigned C.P0073-0 for Signaling Test Specification for Mobile Station
22 Equipment Identifier (MEID) Support for cdma2000 Spread Spectrum
23 Systems
- 24 • Completed review of ten (10) 3GPP2 WIs
- 25 • Completed the discussion on schedules for the initial phase of NxEV-DO
26 based on the Plenary adopted schedule

27 **DECISION: The following WIs were approved without objection as noted in**
28 **C00-22050718-105A:**

- 29 • **TSGC-061: Vocoder enhancements for voice quality and system**
30 **capacity improvements**
- 31 • **TSGC-062: VMR-WB**

32 **DECISION: Proposed correspondence to TSG-S regarding Proposed Work**
33 **Item Review (C00-20050718-121) was approved without objection for**
34 **transmission.**

35 **DECISION: Proposed correspondence to TSG-S regarding 3GPP2 Workplan**
36 **Updates (C00-20050718-122) was approved without objection for transmission**
37 **with its attachments.**

38 **DECISION: Proposed correspondence to TSG-X regarding WiFi Alliance**
39 **Liaison Input (C00-20050718-123R1) was approved without objection for**
40 **transmission pending acceptance of all revisions.**

1 15. LIAISON REPORTS:

2 • SC/OP: No additional contributions or discussions.

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

4 • E-mail dated 18 July 2005 regarding SC/OP decisions and action items
5 (C00-20050718-107) was presented from the 3GPP2 Secretariat. **ACTION:**
6 **This contribution was remanded to all WGs for review and action as**
7 **appropriate.**8 • E-mail correspondence dated 20 July 2005 regarding V&V Review of
9 C.P0032-A v0.9 Recommended Minimum Performance Standards for
10 cdma2000 High Rate Packet Data Access (C00-20050718-108) was
11 presented from the 3GPP2 Secretariat as FYI for the TSG.

12 • TSG-A: The following contributions were discussed:

13 • Correspondence dated 18 July 2005 regarding Questions regarding SO64,
14 SO67 and ROHC (C00-20050718-106) was presented from TSG-A.
15 **ACTION: This contribution was remanded to WG2 for review and**
16 **action as appropriate with response to TSG-A due by the interim**
17 **Plenary.**

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

19 • The TSG-S Liaison Report for July 2005 (C00-20050718-131) was presented
20 from the TSG-S Liaison as FYI.21 • Correspondence to TSG-A dated 21 July 2005 in response to S.P0113-0
22 issues (C00-20050718-132) was presented from TSG-S as FYI.23 The Chair expressed continuing concerns regarding the inclusion of both the
24 requirements and technical overview in the same document. The inputs of
25 the WG Chairs were solicited and presented. The following concerns were
26 noted:27 • The technical portions may take a year or longer to complete to the
28 framework level of the design.

29 • The framework may change once it has been initially defined.

30 Based on the Chair's concerns, this contribution was left OPEN at the
31 Plenary level for further consideration.32 • Correspondence to TSG-A and TSG-C dated 21 July 2005 regarding
33 Invitation to joint TSG discussions to develop the Enhanced cdma2000
34 System Requirements and Technical Framework requirements section
35 (C00-20050718-133) was presented from TSG-S. This contribution was left
36 OPEN at the Plenary level due to the Chair's concern that the approval of the
37 proposed joint meeting during the TSG-C Chair's Team meeting had been
38 made in error.39 • Correspondence to 3GPP2 MRPs dated 21 July 2005 as notice of Enhanced
40 cdma2000 System Requirements and Technical Framework (C00-20050718-
41 134) was presented from TSG-S as FYI.

- 1 • Correspondence to TSG-X dated 21 July 2005 regarding GBA (C00-
2 20050718-135) was presented from TSG-S as FYI.
- 3 • Correspondence all TSGs dated 21 July 2005 regarding TSG review of
4 S.P0112-0 v0.1 Generic Bootstrapping Architecture System Requirements
5 (C00-20050718-136) was presented from TSG-S. **ACTION: This**
6 **contribution was remanded to WG1 for review and comment.**
- 7 • TSG-X: No additional contributions or discussions.
- 8 • ITU: No additional contributions or discussions.
- 9 • TIA: No additional contributions or discussions.
- 10 • OTHER: No additional contributions or discussions.

11 16. OLD BUSINESS (continued): No additional contributions or discussions.

12 17. NEW BUSINESS (continued): The following contribution was discussed:

- 13 • The Chair announced that he and the Vice Chairs will review the TSG-C organizational
14 structure as well as the leadership of WG1 and WG4 to consider possible updates to make
15 the TSG operate more efficiently and be prepared for the transition to the future
16 development of cdma2000 air interface systems. Inputs from TSG-C participants may be
17 made to the elected leadership directly for their consideration. **ACTION: The Chair**
18 **indicated his intent to present his findings at the opening Plenary of the September**
19 **2005 meeting in Vancouver.**

20 18. FUTURE MEETING SCHEDULE:

16-19 August 2005	SWG2.5 interim meetings in San Diego, CA to progress their work on NxEV-DO
29-31 August 2005	WG3 interim meetings in San Diego, CA to progress their work on NxEV-DO and EBM
6 September 2005	Interim Plenary conference call - 5:00 PM US west cost time
26-30 September 2005	The Fairmont Hotel Vancouver in Vancouver, BC, Canada
24-28 October 2005	Beijing Nan Yue Yuan Hotel in Beijing, China
5-9 December 2005	Grand Wailea Hotel in Maui, HI

22 19. OPEN DISCUSSION AND OTHER BUSINESS: No discussions.

23 20. ASSIGNMENTS: The open action items other than document remands were not explicitly
24 discussed in the meeting but are noted below:

- 25 • The Outline of NxEV-DO requirements (C00-20050516-128) was remanded to all
26 WGs for review and comment on or before an interim Plenary on Thursday 23 June
27 2005.
- 28 • The Outline of NxEV-DO Phase I Requirements (C00-20050718-026) was
29 presented as a consensus from discussions between WG1, WG2, and WG3.

- 1 • Correspondence to TSG-A dated 21 July 2005 in response to S.P0113-0 issues
2 (C00-20050718-132) from TSG-S was left OPEN at the Plenary level for further
3 consideration regarding the Chair's concerns for the inclusion of both the
4 requirements and technical overview in the same document.
- 5 • Correspondence to TSG-A and TSG-C dated 21 July 2005 regarding Invitation to
6 joint TSG discussions to develop the Enhanced cdma2000 System Requirements and
7 Technical Framework requirements section (C00-20050718-133) from TSG-S was
8 left OPEN at the Plenary level due to the Chair's concern that approval of the
9 proposed joint meeting during the TSG-C Chair's Team meeting had been made in
10 error.
- 11 • The Chair announced that he and the Vice Chairs will review the TSG-C
12 organizational structure as well as the leadership of WG1 and WG4 to consider
13 possible updates to make the TSG operate more efficiently and be prepared for the
14 transition to the future development of cdma2000 air interface systems. Inputs from
15 TSG-C participants may be made to the elected leadership directly for their
16 consideration. The Chair indicated his intent to present his findings at the opening
17 Plenary of the September 2005 meeting in Vancouver.
- 18 21. ADJOURNMENT: The Plenary was adjourned on 22 July 2005 at NOON local time.

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1 A listing of the contributions that were distributed is itemized below:

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY - 3GPP2-C00-20050718-			
000	DOCUMENT REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVED R1
002	TSG-C Meeting Summary - June 2005 - Seoul, Republic of Korea	SECRETARY	APPROVED
003	TSG-S Document Status Table - June 2005	TSG-S	ALL WGs
004	Correspondence dated 24 June 2005 regarding Band Class/Band Subclass	TSG-X	WG2, WG3
005	Correspondence dated 24 June 2005 regarding Comments on Worksheets 3GPP2-00112 through 3GPP2-00115	TSG-X	WG5
006	SC meeting summary - 28 June 2005 - Seoul	3GPP2 SECRETARIAT/ TSG-C SECRETARY	ALL WGs
007	OMA Liaison Report to SC for June 2005	SC REMAND	ALL WGs
008	Unofficial Summary of 3GPP2 Evolution Workshop	3GPP2 EVOLUTION ADHOC SECRETARY	FYI
009	E-mail correspondence dated 1 July 2005 regarding V&V review of C.P0029-A v0.9 Test Application Specification (TAS) for High Rate Packet Data Air Interface	3GPP2 SECRETARIAT	FYI
010	E-mail correspondence dated 1 July 2005 regarding V&V review of C.P0068-0 v0.91 ME Personalization for cdma2000	3GPP2 SECRETARIAT	FYI
011	E-mail correspondence dated 1 July 2005 regarding V&V review of C.P0038-A v0.9 Signaling Conformance Specification for High Rate Packet Data Air Interface	3GPP2 SECRETARIAT	FYI
012	E-mail correspondence dated 5 July 2005 regarding V&V review extension for C.P0056-0 v0.93 - Electro-Acoustic Recommended Minimum Performance Specification for cdma2000 Mobile Stations (and Software Distribution)	3GPP2 SECRETARIAT	FYI
013	E-mail correspondence dated 1 July 2005 regarding SC level review of 3GPP2-00067-A Voice Over IP (VoIP) Phase II	3GPP2 SECRETARIAT	WG5
014	Correspondence dated 24 June 2005 to TSG-A, TSG-C, and TSG-X regarding Proposed Work Item Review	3GPP2 SECRETARIAT	FYI
015	Correspondence dated 23 June 2005 to TSG-C SWG2.5 regarding Proposed HRPD Key Exchange Protocol Enhancement	TSG-S	WG2
016	Agenda for joint TSG meeting on HRPD-3G1X Interworking on 20 July 2005	TSG-S	ALL WGs
017	DUPLICATE		
018	Correspondence dated 20 April 2005 regarding implementation of advanced encryption algorithms	TSG-S	WG2

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019	E-mail correspondence dated 13 July 2005 regarding 3GPP2 Participation in October Global ICID Forum & NGT IMS Event	3GPP2 SECRETARIAT	FYI
020	TIA ballot summary - PN-3-0162, TIA-1042: - Electro-Acoustic Recommended Minimum Performance Specification for cdma2000 Mobile Stations	TR45.5	WG4
021	TIA ballot summary - PN-3-4691-RV7, TSB-58-G - Administration of Parameter Value Assignment of cdma2000 Spread Spectrum Standards	TR45.5	WG1
022	TIA ballot summary - PN-3-0117-RV1.SF1, TIA-1016-A[SF1] Software Distribution for VMR-WB Specification	TR45.5	WG1
023	TIA ballot summary - PN-3-0118-RV1, TIA-1017-A VMR-WB Minimum Performance Specification	TR45.5	WG1
024	TIA ballot summary - PN-3-0218, TIA-1082 - MEID for cdma2000 Spread Spectrum Systems	TR45.5	WG2
025	WG1 Interim Meeting Report	WG1	FYI
026	Outline of NxEV-DO Phase I Requirements	WG1	ALL WGs
027	C.P0032-A v0.90 Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access Network proposed V&V text	WG4	APPROVED
028	Correspondence dated 17 March 2005 regarding request for liaison relationship	CDMA CERTIFICATION FORUM	WG4, OPEN
029	KDDI position on TSG-C Meeting Summary distribution	KDDI	FYI
030	C.S0063 HRPD Supplemental Services point release work item request	QUALCOMM	WG5
031	3GPP2 Workplan Reports	3GPP2 SECRETARIAT	ALL WGs
032	NxEV-DO Requirement	ERICSSON	ALL WGs
CLOSING PLENARY - 3GPP2-C00-20050718-			
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, WIs APPROVED
106	Correspondence dated 18 July 2005 regarding Questions regarding SO64, SO67 and ROHC	TSG-A	WG2
107	E-mail dated 18 July 2005 regarding SC/OP decisions and action items	3GPP2 SECRETARIAT	ALL WGs
108	E-mail correspondence dated 20 July 2005 regarding V&V Review of C.P0032-A v0.9 Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access	3GPP2 SECRETARIAT	FYI
109	C.P0053-A VMR-WB MPS proposed publication text	WG1	APPROVED
110	C.P0052-A Software Distribution for C.S0052-A v1.0 proposed publication text	WG1	APPROVED

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111	C.P0053-A Software Distribution for C.S0053-A VMR-WB MPS proposed V&V text	WG1	APPROVED
112	C.P0069-0 v0.2 ISIM Application on UICC for cdma2000 Spread Spectrum Systems proposed baseline text	WG1	APPROVED
113	C.P00XX-0 v0.2 UICC-Terminal Physical and Logical Characteristics for cdma2000 Spread Spectrum Systems proposed baseline text	WG1	APPROVED
114	Proposed correspondence to TSG-S WG4 regarding R-UIM support for LBS Security	WG1	APPROVED
115	Proposed Liaison to 3GPP/ETSI regarding CCP tag value assignments	WG1	APPROVED
116	Request for C.Pxxxx project number for UICC-Terminal Physical and Logical Characteristics for cdma2000 Spread Spectrum Systems	WG1	APPROVED
117	C.P0056-0 v0.96 Electro-Acoustic Recommended Minimum Performance Specification for cdma2000 Mobile Stations and associated Software Distribution proposed publication text	WG4	APPROVED
118	C.P0060-0 v0.92 Signaling Conformance Test Specification for Over-the-Air Service Provisioning proposed V&V text	WG4	APPROVED
119	C.P0073-0 v0.90 Signaling Test Specification for Mobile Station Equipment Identifier (MEID) Support for cdma2000 Spread Spectrum Systems proposed V&V text	WG4	APPROVED
120	C.P0033-A v0.90 Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access Terminal proposed V&V text	WG4	APPROVED
121	Proposed correspondence to TSG-S regarding Proposed Work Item Review	WG5	APPROVED
122	Proposed correspondence to TSG-S regarding 3GPP2 Workplan Updates	WG5	APPROVED
123	Proposed correspondence to TSG-X regarding Wi-Fi Alliance Liaison Input	WG5	APPROVED R1
124	Proposed correspondence to TSG-A regarding band class issues	WG2	APPROVED R2
125	Proposed correspondence to TSG-A regarding calling party number and calling party name presentation	WG2	APPROVED R2
126	Proposed correspondence to TSG-X regarding QoS	WG2	APPROVED
127	C.P0072 MEID Support for cdma2000 Systems proposed publication text	WG2	APPROVED
128	C.P0024-A cdma2000 High Rate Packet Data Air Interface Specification proposed publication text	WG2	APPROVED
129	C.P0054 cdma2000 High Rate Broadcast-Multicast Packet Data Air Interface Specification proposed publication text	WG2	APPROVED
130	C.P0067 v0.5 - Generic Key Exchange Protocol Specification proposed baseline text	WG2	APPROVED
131	TSG-S Liaison Report - July 2005	TSG-S LIAISON	FYI
132	Correspondence to TSG-A dated 21 July 2005 in response to S.P0113-0 issues	TSG-C	OPEN

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133	Correspondence to TSG-A and TSG-C dated 21 July 2005 regarding Invitation to joint TSG discussions to develop the Enhanced cdma2000 System Requirements and Technical Framework requirements section	TSG-C	OPEN
134	Correspondence to 3GPP2 MRPs dated 21 July 2005 as notice of Enhanced cdma2000 System Requirements and Technical Framework	TSG-C	FYI
135	Correspondence to TSG-X dated 21 July 2005 regarding GBA	TSG-C	FYI
136	Correspondence all TSGs dated 21 July 2005 regarding TSG review of S.P0112-0 v0.1 Generic Bootstrapping Architecture System Requirements	TSG-C	WG1
137	Proposed correspondence to 3GPP2 OPs regarding M.1457-5 issues	WG3	APPROVED
138	Proposed correspondence to 3GPP2 OPs regarding reminder for SDO actions related to M.1457-6 issues	WG3	APPROVED
139	Resolution of HRPD Rev. A V&V comments	WG3	APPROVED R1
140	C.P0057A v0.04 Band Class specification proposed baseline text	WG3	APPROVED
141	Proposed correspondence to TSG-X regarding band class and band subclass issues	WG3	APPROVED
142	Request for C.Pxxxx project number for HRPD notification over 3G1x systems	WG2	APPROVED

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3GPP2 QUORUM ROLL CALL
 TSG-C (CDMA2000)
 Philadelphia, PA, USA
 22-Jul-05

INDIVIDUAL MEMBER COMPANY	Attendance 7/18/2005	Attendance 7/22/2005	Consecutive Mtgs Missed	Voting Status	Quorum Status at Mtg Start
AGILENT TECHNOLOGIES	1		1	1	1
AIRVANA	1		0	1	1
ALLTEL	1		0	1	1
AXALTO	1		0	1	1
BELL MOBILITY			0	0	0
CHINA UNICOM			0	1	0
DOCOMO US LABORATORIES			0	1	1
EACCESS			2	1	1
ERICSSON	1		0	1	1
ETRI			3	0	0
FUJITSU	1		0	1	1
FRANCE TELECOM			0	0	0
GEMPLUS	1		0	1	1
HITACHI	1		0	1	1
HUAWEI	1		0	1	1
INTERDIGITAL	1		0	1	1
KDDI	1		0	1	1
KTF			3	0	0
KYOCERA	1		1	1	1
LG ELECTRONICS	1		0	1	1
LG TELECOM	1		0	1	1
LUCENT	1		0	1	1
MOTOROLA	1		0	1	1
NAVINI NETWORKS			2	1	1
NEC	1		0	1	1
NEXTEL	1		0	1	1
NOKIA	1		0	1	1
NORTEL NETWORKS	1		0	1	1
QUALCOMM	1		0	1	1
RESEARCH IN MOTION	1		0	1	1
ROHDE & SCHWARZ	1		1	1	1
RITT			0	0	0
SAMSUNG	1		0	1	1
SIEMENS	1		0	1	1
SK TELECOM			3	0	0
SIRF TECHNOLOGY			3	0	0
SPIRENT COMMUNICATIONS	1		1	1	1
SPRINT	1		0	1	1
TOKAI			2	1	1
TOSHIBA	1		0	1	1
VERIZON WIRELESS	1		0	1	1
VIA TELECOM	1		0	1	1
ZTE	1		0	1	1
TOTALS	31	0		36	35
QUORUM CALCULATION	89%	0%			
ADDITIONS					
					0
					0
					0
					0
					0
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