

Title:

DRAFT SUMMARY OF TSG-C MEETING

for 18-22 October 2004 in Shanghai, China

Source:

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SECRETARY

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Abstract:

This document is a summary of the 3GPP2 TSG-S meetings that were held during the period of 18-22 October 2004 in Shanghai, China.

Recommendations:

For review and approval.

Notice:

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During the period of 18-22 October 2004, 3GPP2 TSG-C meetings were held at the Shanghai Purple Mountain Hotel in Shanghai, China. This document is intended to summarize those proceedings.

OPENING PLENARY

1. **CALL TO ORDER AND OPENING REMARKS:** The meeting was called to order at 8:45 AM local time on 18 October 2004 by TSG-C Chair, BK Yi (LGE).

The Chair welcomed everyone to Shanghai, China and thanked CCSA, Huawei, and China Unicom for their hosting efforts.

The Chair indicated his priority for this week for resolving open issues of concern relative to the TSG-C WI process and approval of pending WI proposals. The Chair directed that an Interim Plenary be held on Thursday 8:30 AM in the WG3 meeting room to review the WI process and the open WI proposals for consideration for approval.

The Chair noted that a social event will be held on Wednesday evening. This event is a river cruise along the Yangtze River including a buffet dinner. This event is hosted by CCSA, Huawei, and China Unicom. The group will leave the hotel lobby at 6:30 PM.

2. **ATTENDANCE REGISTRATION AND ROLL CALL:** A roll call of companies indicated that 27 companies included on the list of 29 quorum members were present (93% participation). Thus, meeting quorum was achieved.

The Secretary noted that no proxy statements had been received.

3. **INTRODUCTION AND NUMBERING OF CONTRIBUTIONS:** Contributions were loaded onto the 3GPP2 LAN server and listed in the document register (C00-20041018-000R2).

4. **AGENDA APPROVAL:** The proposed agenda (C00-20041018-001R2) was presented.

DECISION: The agenda was approved without objection as submitted (C00-20041018-001R2).

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

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

- The summary of the TSG-C meeting for September 2004 that was held in Clearwater, FL, USA (C00-20041018-002) was presented. This meeting summary was held open until closing Plenary pending additional comments from Vice Chair, Dennis Gentzler (ALLTEL).
- The summary of the interim TSG-C Plenary conference call (C00-20041018-003) was presented. This contribution was also held open until closing Plenary pending additional comments from Vice Chair, Dennis Gentzler (ALLTEL).

7. REVIEW OF OUTSTANDING ACTIONS FROM PREVIOUS MEETING: The action items from the September 2004 face-to-face meeting and the interim TSG-C Plenary conference call were noted as follows:

- The Vice Chair requested that TSG-C participants that have questions or concerns regarding the TSG-C WI Process Guideline (C00-20041005-007) should e-mail those questions and/or comments to him in advance of the Shanghai meeting.

DECISION: This action was closed without objection.

- The following contributions related to TSG-C WI Process Discussion are still OPEN at the Plenary level:
 - Recommendation for TSG-C WI management (C00-20040823-131) from the TSG-C Chair.
 - TSG-C WI Process (C00-20040920-041R4) from Motorola.
 - Approval of Existing Work Items in TSG-C (C00-20041005-002) from QUALCOMM
 - TSG-C WI Process Guideline (C00-20041005-007) for the TSG-S Vice Chair, Dennis Gentzler (ALLTEL)
 - Proposed process for TSG-C WIs (C00-20041005-008) from the TSG-C Chair, BK Yi (LGE)

These contributions are currently still open.

- The following WI Proposals requests are still OPEN at the Plenary level:
 - WI request for C.R1001-E Parameter Administration (C00-20040823-133) from Motorola, Ericsson, and QUALCOMM.
 - WI request for Rate Set 1 Extension for VMR-WB (C0020040823-134) from Nokia, Motorola, and QUALCOMM.
 - WI request for DO Rev A Addendum (C00-20040920-008) from Lucent, Nortel, and QUALCOMM.
 - WI request for DO Rev A AN MPS (C00-20040920-009) from Airvana, Lucent, Nortel, and QUALCOMM.
 - WI request for DO Rev A AT MPS (C00-20040920-010) from Airvana, Lucent, Nortel, and QUALCOMM.
 - WI request for DO Rev A TAS (C00-20040920011) from Airvana, Lucent, Nortel, and QUALCOMM.
 - WI request for Key Exchange (C00-20040920-012) from Airvana, Lucent, and QUALCOMM.
 - WI request for Enhanced BCMCS Work Item Request (C00-20040920-013R2) from QUALCOMM, KDDI, KTF, and SKT.
 - WI request for cdma2000 Rev. D point release (C00-20040920-045) from QUALCOMM.

- WI request for cdma2000 Rev. D BS MPS (C00-20040920-046) from QUALCOMM.
- WI request for cdma2000 Rev. D BS MPS (C00-20040920-047) from QUALCOMM.
- A WI request for cdma2000 Rev. D point release (C00-20040920-110R1) from Lucent, Ericsson, and QUALCOMM.
- A WI request for HRPD Rev. A point release (C00-20040920-111R1) from Lucent, Nokia, Samsung, and QUALCOMM.
- A WI request for a new revision to C.S0057 Band Class specification (C00-20040920-141) from Lucent, Nortel Networks, and QUALCOMM.
- A WI request for C.S0010-D BS MPS for cdma2000 Rev. D (C00-20041005-003) from QUALCOMM, Motorola, and Agilent Technologies
- A WI request for C.S0011-D MS MPS for cdma2000 Rev. D (C00-20041005-004) from QUALCOMM, Motorola, and Agilent Technologies

ACTION: All WI proposals listed above are remanded to WG1 for review of consistency and completeness of the proposals by the Interim Plenary on Thursday. If errors in the WI proposals are detected by WG1, the WI proponents will have the opportunity to update their proposals to correct any deficiencies prior to the interim Plenary.

8. CORRESPONDENCE: None.

9. LIAISON REPORTS:

- OP MEETING: No contributions.
- SC: No contributions.
- 3GPP2 SECRETARIAT: The following contributions were discussed:
 - E-mail correspondences regarding SC level review and approval of C.S0045-0 v2.0 Multimedia Messaging Service (MMS) Media Format and Codecs for cdma2000 Spread Spectrum Systems (C00-20041018-025) were presented from the 3GPP2 Secretariat as FYI.
 - E-mail correspondence dated 6 October 2004 regarding SC level review for publication of C.S0053-0 v1.0 Minimum Performance Specification for the Source-Controlled Variable-Rate Multimode Wideband Speech Codec (VMR-WB), Service Option 62 for Spread Spectrum Systems (C00-20041018-026) was presented from the 3GPP2 Secretariat as FYI.
 - E-mail correspondence dated 30 September 2004 regarding SC level review for publication of C.S0043-0 v1.0 Signaling Conformance Test Specification for cdma2000 Spread Spectrum Systems (C00-20041018-027) was presented from the 3GPP2 Secretariat as FYI.

- E-mail correspondence dated 30 September 2004 regarding SC level review for publication of C.S0044-0 v1.0 Interoperability Specification for cdma2000 Air Interface (C00-20041018-028) was presented from the 3GPP2 Secretariat as FYI.
- E-mail correspondence dated 27 September 2004 regarding SC level approval of publication of C.S0066-0 v1.0 - Over-the-Air Service Provisioning for MEID-Equipped Mobile Stations in Spread Spectrum Systems (C00-20041018-029) was presented from the 3GPP2 Secretariat as FYI.
- E-mail correspondence dated 27 September 2004 regarding V&V review of C.P0023-A v2.4 Removable User Identity Module for Spread Spectrum Systems (C00-20041018-030) was presented from the 3GPP2 Secretariat as FYI.
- E-mail correspondence dated 28 September 2004 regarding V&V review of C.P0010-C Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Base Stations - Release C (C00-20041018-031) was presented from the 3GPP2 Secretariat as FYI.
- E-mail correspondence dated 28 September 2004 regarding V&V review of C.P0011-C v0.87 Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Mobile Stations (C00-20041018-032) was presented from the 3GPP2 Secretariat as FYI.
- E-mail correspondence dated 28 September 2004 regarding V&V review of C.P0026-A Test Data Service Option (TDSO) - Rev A (C00-20041018-032) was presented from the 3GPP2 Secretariat as FYI.
- E-mail correspondences regarding the TSG-C proposed Industry Notice on SMS (C00-20041018-038) was presented from the 3GPP2 Secretariat.
ACTION: This contribution was remanded to WG1 for review and comment by the closing Plenary.
- V&V comments from the 3GPP2 Secretariat regarding C.P1002-0 v0.4 cdma2000 Evaluation Methodology (C00-20041018-040) was presented from the 3GPP2 Secretariat. **ACTION: This contribution was remanded to WG1 for review and comment by the closing Plenary.**
- TSG-A: No contributions.
- TSG-S: The following contributions were discussed:
 - A revised TSG-S Liaison Report for September 2004 (C00-20041018-019) was presented from the TSG-S Liaison as FYI.
 - The TSG-S Document Status Table September 2004 (C00-20041018-020) was presented from TSG-S. **ACTION: This contribution was remanded to all WGs for review and comment with comments to be coordinated by WG1.**

- Correspondence to all TSGs dated 20 September 2004 regarding Proposed Work Item Review (C00-20041018-036) was presented from TSG-S. **ACTION:** This contribution was remanded to all WGs for review and comment with comments to be coordinated by WG1.
 - 3GPP2 Workplan Reports (C00-20041018-039) was presented from TSG-S. **ACTION: This contribution was remanded to WG1 for review and action as appropriate.**
 - TSG-X: The following contributions were discussed:
 - Correspondence to TSG-S dated 24 September 2004 regarding 3GPP2/OMA Work Item Dependencies (C00-20041018-021) was presented from TSG-X as FYI for the TSG.
 - Correspondence dated 24 September 2004 regarding AKA and PLCM Generation (C00-20041018-022) was presented from TSG-X. **ACTION: This contribution was remanded to WG1 for review and action as appropriate.**
 - Correspondence to TSG-C and TSG-A dated 24 September 2004 regarding Deriving PLCM During Hard Handoffs (C00-20041018-023) was presented from TSG-X. **ACTION: This contribution was remanded to WG2 for review and action as appropriate.**
 - Correspondence dated 24 September 2004 regarding QoS Profile ID (C00-20041018-023) was presented from TSG-X. **ACTION: This contribution was remanded to WG1 and WG2 for review and comment with comments to be coordinated by WG1.**
 - TR45: No contributions.
 - ITU: No contributions.
 - OMA: No contributions.
 - Other: No contributions.
10. WORKING GROUP REPORTS:
- In the absence of WG1 Chair, Phil Brown (Ericsson), the following action was taken:
DECISION: Proposed correspondence to TSG-S regarding comments on Rm Interface Stage 1 (C00-20041018-011) was approved without objection for transmission.
 - WG2 Chair, Orlett Pearson (Lucent), verbally noted the activities of the week for WG2 as follows:
 - cdma2000 Rev. D bug fixes
 - HRPD Rev. A bug fixes
 - C.P0063-0 V&V comments No actions requested from the Plenary.

- WG3 Chair, Ed Tiedemann (QUALCOMM), verbally noted the activities of the week for WG3 as follows
 - cdma2000 Rev. D bug fixes
 - HRPD Rev. A bug fixes
 - C.P1002 Evaluation Methodology V&V comments HRPD Broadcast

No actions requested from the Plenary.

- No WG4 Report.

11. OLD BUSINESS:

- Correspondence regarding TIA-1054 HRPD Supplemental Services Ballot comments (C00-20041018-010) was presented from TR45.5. **ACTION: This contribution was remanded to WG2 for review and action as appropriate. WG2 is also requested to provide a timeline for resolution by closing Plenary.**
- V&V comments for C.P0063 HRPD Supplemental Services (C00-20041018-037) was presented from Hitachi. **ACTION: This contribution was remanded to WG2 for review and action as appropriate.**
- A contribution regarding cdma2000 Rev D bug fixes (C00-20041018-004) was presented from Nortel Networks. **ACTION: This contribution was remanded to WG2 for review and action as appropriate.**
- A contribution regarding cdma2000 Rev D bug fixes (C00-20041018-005) was presented from Samsung. **ACTION: This contribution was remanded to WG2 for review and action as appropriate.**
- A contribution regarding cdma2000 Rev D bug fixes (C00-20041018-006) was presented from QUALCOMM. **ACTION: This contribution was remanded to WG2 for review and action as appropriate.**
- A contribution regarding cdma2000 Rev D bug fixes (C00-20041018-042) was presented from LGE. **ACTION: This contribution was remanded to WG2 for review and action as appropriate.**
- A contribution regarding cdma2000 Rev D bug fixes (C00-20041018-043) was presented from Motorola. **ACTION: This contribution was remanded to WG2 for review and action as appropriate.**
- **DECISION: The following contributions were closed without objection in favor of considering the latest WI process proposals:**
 - **Recommendation for TSG-C WI management (C00-20040823-131) from the TSG-C Chair.**
 - **TSG-C WI Process (C00-20040920-041R4) from Motorola.**
 - **TSG-C WI Process Guideline (C00-20041005-007) for the TSG-S Vice Chair, Dennis Gentzler (ALLTEL)**

- **Proposed process for TSG-C WIs (C00-20041005-008) from the TSG-C Chair, BK Yi (LGE)**
- The contribution regarding approval of Existing Work Items in TSG-C (C00-20041005-002) from QUALCOMM was held open at the Plenary level until the interim Plenary on Thursday.
- The following contributions related to TSG-C Work Item processing were presented and discussed:
 - TSG-C Work Item Process (C00-20041018-012) from TSG-C Vice Chair, Dennis Gentzler (ALLTEL).
 - A contribution regarding Work Processing Guidelines (C00-20041018-016) from KDDI.

These contributions were both presented and then a general discussion ensued. There were positive discussions that both documents were very similar in concept but the wording was different between the two (2).

ACTION: The Chair created a Work Item Process (WIP) AdHoc to review the two (2) contributions and to attempt to generate a consensus proposal for consideration by the interim Plenary on Thursday. TSG-C Vice Chair, Dennis Gentzler (ALLTEL), was named to Chair this AdHoc and all four (4) WG Chairs were requested to participate.

- V&V comments for C.P1002 v0.4 cdma2000 Evaluation Methodology (C00-20041018-017) was presented from Ericsson. **ACTION: This contribution was 29 remanded to WG3 for review and action as appropriate.**
12. ITU PROCESS/APPROVAL: No contributions.
13. NEW BUSINESS:
- A presentation regarding Wireless Broadcast Service for IMT-2000 (C00-20041018-013) was presented by Navini Networks. This contribution was noted as FYI for the TSG.
 - A WI proposal for IMT-2000 TDD mobile broadband solution (C00-20041018-014) was presented by Navini Networks. This proposal recommended the use of the ANSI based CDMA-MC (STD) as a baseline to define and add a new TDD option to IMT-2000 CDMA Multi-Carrier air interface. **ACTION: This contribution was remanded to WG1 for review of consistency and completeness of the proposal.**
 - A WI proposal for Multi-Carrier Support for EV-DV (C00-20041018-017) was presented from ALLTEL, Sprint, LG Telecom, and Ericsson. Multi-Carrier EV-DV (i.e., NxEV-DV) aggregates multiple 1xEV-DV carriers to provide higher rates for packet data services. **ACTION: This contribution was remanded to WG1 for review of consistency and completeness of the proposal.**

- A companion contribution regarding CDMA2000 Multi-Carrier EV-DV (NxEV-DV) Requirements companion document for this WI proposal (C00-20041018-018) was presented from ALLTEL, Sprint, and LG Telecom. **ACTION: This contribution was remanded to WG1, WG2, and WG3 for review and comment by the opening Plenary of the December 2004 meeting in HI.** NOTE: Contribution C00-20041018-018A was held open at the Plenary level.
- A WI proposal for Multi-Carrier Support for EV-DO (C00-20041018-044) was presented from ALLTEL, Sprint, LG Telecom, and Ericsson. Multi-Carrier EV-DO (NxEV-DO) aggregates multiple 1xEV-DO carriers to provide higher rates for packet data services. **ACTION: This contribution was remanded to WG1 for review of consistency and completeness of the proposal.**
- A WI proposal regarding for BCMC Service Option Specification (C00-20041018-007) was presented from QUALCOMM, Samsung, and Motorola. **ACTION: This contribution was remanded to WG1 for review of consistency and completeness of the proposal.**
- Circumstances around IMT-2000 TDD systems in Japan (C00-20041018-015) was presented from ARIB. This contribution was noted as FYI for the TSG.

This session was recessed on 18 October 2004 at 3:45 PM local time.

INTERIM PLENARY

The meeting was reconvened on 21 October 2004 at 8:55 AM local time. Quorum was established at the opening Plenary and not challenged at this time. One (1) additional 3GPP2 individual member companies were noted in attendance.

12. OLD BUSINESS (continued):

- **DECISION: The Chair created a new group WG5 PMT to replace SWG1.5. Phil Brown (Ericsson) and Bjorn Hjelm (ALLTEL) were named as the co-conveners for this group. The Chair also suggested that a representative of the operator community be named to Chair that group.**
- **DECISION: As a part of the decision to create WG5, SWG1.5 was disbanded. The Chair thanked the SWG1.5 Chair, Phil Brown (Ericsson), for his efforts.**
- A WIP AdHoc Report was presented verbally by the WIP AdHoc Chair, Dennis Gentzler (ALLTEL). The output of the AdHoc was noted as the TSG-C WI Process Guideline update v0.3 (C00-20041018-072). This document was presented and updated editorially (C00-20041018-072R2) by the discussion.

KDDI recommended that consideration of this document be deferred until after the presentation of the WI processing gameplan (C00-20041018-071) from the TSG-C Chair.

Sprint made a motion that was duly seconded to approve TSG-C WI Process Guideline update v0.3 (C00-20041018-072R2) immediately. KDDI requested a friendly amendment to allow the presentation of C00-20041018-071 but that amendment was rejected. KDDI then entered an official objection to the motion based on failure to consider the related information in C00-20041018-071. However, after some discussion on the motion and the objection, KDDI then withdrew its objection.

DECISION: The TSG-C WI Process Guideline update v0.4 (C00-20041018-072R2) was approved without objection.

The WIP Chair expressed his gratitude for the effort of the WIP AdHoc participants. The TSG-C Chair also expressed his gratitude to the AdHoc. DECISION: The Chair disbanded the WIP AdHoc.

- The WI processing gameplan (C00-20041018-071) was presented from the TSG-C Chair. **ACTION: The TSG-C WI Process Guideline update v0.3 (C00-20041018-072R2) and the WI processing gameplan (C00-20041018-071) were both remanded to all WGs for review and comment as necessary.**
- The Chair noted that WG5 will meet on the Monday of the opening Plenary in Kauai during the 1:30 to 3:30 PM timeframe. He also noted his intent to complete Opening Plenary by 11:00 AM on that date.
- The report on SWG1.5 review of open WI proposals (C00-20041018-071) was presented from WG1. This report noted that, of the 14 each WI proposals reviewed, only five (5) were indicated to have discrepancies. The report also indicated that none of the noted discrepancies were regarded by the SWG as significant enough to delay consideration of the underlying Work Item request. Action to approve all pending WI proposals were deferred to the closing Plenary. The Chair directed the following:
 - All WI proposals that were submitted this month will be processed according to the terms of the TSG-C WI Process Guideline v0.4 (C00-20041018-072R2) including the one (1) month delay to allow member consideration.
 - All WI proposals that were submitted prior to this month, including those that were editorially updated this week, will not be subjected to additional delay and are intended to be approved at the closing Plenary.

This session was recessed on 21 October 2004 at 10:45 AM local time.

CLOSING PLENARY

The meeting was reconvened on 22 October 2004 at 9:00 AM local time.

The Chair expressed the appreciation of the group to the meeting hosts for their efforts during this week. Quorum was established at the opening Plenary and not challenged at this time. One (1) additional 3GPP2 individual member companies were noted in attendance.

14. WORKING GROUP REPORTS:

- **WG1 REPORT:** The WG1 report (C00-20041018-101) was presented by the WG1 Chair, Phil Brown (Ericsson), as FYI.
 - Approved publication text for C.P0016-C v0.6 (OTASP).
 - Approved baseline text for the following document(s):
 - C.P0015-A v1.1 and C.P0015-B v1.1 (SMS point release),
 - C.P0046-0 v0.1.7 (Multimedia Streaming Service).
 - Approved eight (8) items of outgoing correspondence.
 - Put SWG1.5 (Work Plan) into hibernation, in response to the TSG-C Chair's formation of a new Working Group (WG5) to perform TSG-C Work Planning functions.
 - Duncan Ho (QUALCOMM) has been appointed as the new SWG1.3 Vice Chair.
 - SWG1.4 is planning an interim face-to-face meeting in Overland Park, KS during the period of 1-2 November 2004 to address issues pertaining to multi-mode system selection.

DECISION: C.P0016-C v0.6 OTASP (C00-20041018-108) was approved without objection for publication as C.S0016-C v1.0.

DECISION: C.P0015-A v1.1 SMS and C.P0015-B v1.1 SMS (C00-20041018-109) was approved without objection as baseline text and remanded back to WG1 for 31 R&F.

DECISION: C.P0046-0 v0.1.7 MSS (C00-20041018-110) was approved without objection as baseline text and remanded back to WG1 for R&F.

DECISION: Proposed correspondence to EP-SCP regarding CAT (C00-20041018-111) was approved without objection for transmission.

DECISION: Proposed correspondence to the 3GPP2 SC regarding OMA references (C00-20041018-112) was approved without objection for transmission.

DECISION: Proposed correspondence to OMA DM regarding IOTA-DM status (C00-20041018-113) was approved without objection for transmission with its attachment.

DECISION: Proposed correspondence to the 3GPP2 SC regarding SMS Industry Notification (C00-20041018-114R1) was approved without objection for transmission.

DECISION: Proposed correspondence to TSG-S regarding TSG-C WI Review for October 2004 (C00-20041018-115) was approved without objection for transmission.

DECISION: Proposed correspondence to TSG-X regarding Push Services (C00-20041018-116) was approved without objection for transmission.

DECISION: Proposed correspondence to EP-SCP regarding CAT support for MEID (C00-20041018-117) was approved without objection for transmission.

DECISION: Proposed correspondence to TSG-S regarding TSG-C Stage 1 Review Activity for October 2004 (C00-20041018-118) was approved without objection for transmission.

- WG2 REPORT: The WG2 report (C00-20041018-102R1) was presented by the WG2 Chair, Orlett Pearson (Lucent), as FYI.
 - Determined that the TSG-S notice regarding the MD5 hash algorithm will have no impact on the cdma2000 core specifications.
 - Began discussions on a schedule for baseline text for point releases for both cdma2000 Rev. D and HRPD Rev. A but were unable to achieve consensus on a schedule projection.
 - Discussed the feasibility of using 3GPP2 Editorial services but decided that a face-to-face meeting with the 3GPP2 Editor will be required.
 - The SWG2.3 Chair has proposed January 2005 as a schedule for completion of the cdma2000 Rev. D point release but at least one (1) company has expressed concern with that schedule proposal since SWG2.3 companies continue to submit a large number of bug fixes.
 - SWG2.5 plans to complete resolution of V&V comments related to C.P0063-0 HRPD Supplemental Services in December 2004 but action on related IOS and QoS Packet Data specification issues may delay the closing of some comments.

DECISION: Proposed correspondence to TSG-A regarding PLCM hard handoff (C00-20041018-123) was approved without objection for transmission.

- WG3 REPORT: The WG3 report (C00-20041018-103) was presented by WG3 Chair, Ed Tiedemann (QUALCOMM), as FYI.
 - Resolved all V&V comments on C.P1002. However, WG3 has requested that the V&V period be extended until 3 December 2004.
 - WG3 determined that their documents have no normative references to OMA documents.
 - A list of currently identified bugs to C.S0002-D cdma2000 Rev. D is attached to this report (C00-20041018-103A)
 - A list of currently identified bugs to C.S0024-A HRPD Rev. D is attached to this report (C00-20041018-103B)
 - WG3 intends to propose baseline text for C.P0057-0 Band Class document by next meeting unless additional contributions are received by that time.
 - WG3 has identified discrepancies in the 3GPP2 Workplan (C00-20041018-103C) in their review of the TSG-C Workplan files (C00-20040920-057)

DECISION: TSG-C agreed without objection to extend the V&V period for C.P1002 Evaluation Methodology to 3 December 2004.

ACTION: The WG3 list of identified discrepancies in the last version of the 3GPP2 Workplan (C00-20041018-103C) was remanded to WG5 for review and action and to WG1, WG2, and WG4 as FYI.

- **WG4 REPORT:** The WG4 report (C00-20041018-104) was presented by WG4 Vice Chair, Dave Whipple (Agilent), as FYI, even though they did not meet this week.
- **WG5 REPORT:** The List of open TSG-C Work Item proposals (C00-20041018-127) was presented was presented by the WG5 Co-Convener, Phil Brown (Ericsson), as FYI. The WI proposals for immediate action were reviewed and considered individually.

DECISION: The following WI Proposals were approved individually without objection:

- **Development of C.R1001-E Parameter Value Assignments (C00-20040823-133).** **ACTION: This contribution was remanded to WG5 for logging and tracking and to WG1 for continued development.**
- **Development of C.P0052-A VMR-WB RS1 support (C00-20040823-134).** **ACTION: This contribution was remanded to WG5 for logging and tracking and to WG1 for continued development.**
- **Development of C.S0033-A AT MPS for C.S0024-A and C.S0054-0 (C00 20041018-075).** **ACTION: This contribution was remanded to WG5 for logging and tracking and to WG4 for continued development.**
- **Development of C.S0032-A AN MPS for C.S0024-A and C.S0054-0 (C00 20041018-076).** **ACTION: This contribution was remanded to WG5 for logging and tracking and to WG4 for continued development.**
- **Development of C.S0029-A TAS for C.S0024-A (C00-20041018-077).** **ACTION: This contribution was remanded to WG5 for logging and tracking and to WG4 for continued development.**
- **Development of a new specification for HRPD Key Exchange Protocol (C00-20040920-012).** **ACTION: This contribution was remanded to WG5 for logging and tracking and to WG2 for continued development.**
- **Development of C.S0054-A BCMCS Enhancements (C00-20040920-013R2).** **ACTION: This contribution was remanded to WG5 for logging and tracking and to WG2 and WG3 for continued development.**
- **Development of cdma2000 Rev. D point release (C00-20040920-110R1).** **ACTION: This contribution was remanded to WG5 for logging and tracking and to WG2 and WG3 for continued development.**
- **Development of C.S0024-A HRPD point release (C00-20040920-111R1).** **ACTION: This contribution was remanded to WG5 for logging and tracking and to WG2 and WG3 for continued development.**

- **Development of C.S0057-A Band Class (C00-20040920-141).** ACTION: This contribution was remanded to WG5 for logging and tracking and to WG3 for continued development.
- **Development of C.S0010-D BS MPS (C00-20041018-073).** ACTION: This contribution was remanded to WG5 for logging and tracking and to WG4 for continued development.
- **Development of C.S0011-D MS MPS (C00-20041018-074).** ACTION: This contribution was remanded to WG5 for logging and tracking and to WG4 for continued development.

The discussion noted that the schedule included in any of the WI proposals was to be considered as FYI for the development group.

ACTION: The List of open TSG-C Work Item proposals (C00-20041018-127) was remanded to WG5 for review and action as appropriate.

Consideration for approval of the following WI proposals was deferred until the next meeting:

- C.P0015-A v2.0 SMS point release (C15-20041018-002R1)
- C.P0015-B v2.0 SMS point release (C15-20041018-003R2)
- BCMC SO specification (C00-20041018-007)
- CDMA-MC STD (C00-20041018-014R2)
- Multi-Carrier Support for EV-DV (C00-20041018-017)
- Multi-Carrier Support for EV-DO (C00-20041018-044)

15. LIAISON REPORTS:

- 3GPP2 SECRETARIAT: The following contributions were discussed:
 - E-mail correspondence dated 18 October 2004 regarding leadership elections (C00-20041018-105) was presented from the 3GPP2 Secretariat as FYI for the TSG. However the Chair noted his intent to hold elections for TSG-C leadership during the next meeting (December 2004 in Kauai). Exact scheduling of the elections will be noted in the Agenda for that meeting when it is posted.
ACTION: All candidates for the positions of TSG-C Chair or Vice Chair must bring a letter of nomination that includes a letter of support from their company. Nominations may be submitted up to the time of the election.
 - E-mail correspondence dated 18 October 2004 regarding SC level approval for publication C.S0043-0 v1.0 Signaling Conformance Test Specification for cdma2000 Spread Spectrum Systems (C00-20041018-106) was presented from the 3GPP2 Secretariat as FYI for the TSG.

- E-mail correspondence dated 18 October 2004 regarding SC level approval for publication C.S0044-0 v1.0 Interoperability Specification for cdma2000 Air Interface (C00-20041018-107) was presented from the 3GPP2 Secretariat as FYI for the TSG.
 - TSG-A: No additional contributions or discussions.
 - TSG-S: The following contributions were discussed:
 - The TSG-S Liaison Report (C00-20041018-119) was presented by the TSG-S Liaison as FYI for the TSG.
 - Correspondence dated 21 October 2004 regarding S.P0100-0 PoC SRD (C00-20041018-120) was presented from TSG-S. **ACTION: This contribution was remanded to WG1, WG2, and WG3 for review and comment with comments to be coordinated by WG1.**
 - Correspondence to TIA AHAG dated 21 October 2004 regarding BCMCS security issues (C00-20041018-121) was presented from TSG-S. **ACTION: This contribution was remanded to WG2 and WG3 for review and action as appropriate.**
 - Publication text for S.R0100-0 v1.0 PoC System Requirements (C00-20041018-124) was presented from TSG-S as FYI for the TSG.
 - Publication text for S.R0104-0 HAT Authentication System Requirements (C00-20041018-125) was presented from TSG-S as FYI for the TSG.
 - TSG-X: No additional contributions or discussions.
 - ITU: No additional contributions or discussions.
 - OTHER: No additional contributions or discussions.
16. OLD BUSINESS (continued): The following contributions were discussed:
- A WI proposal for development of C.R1002-A Evaluation Methodology (C00-20041018-122) was presented from Nokia, Motorola, and QUALCOMM. **ACTION: This contribution was remanded to WG5 for review and action as appropriate.**
 - A WI proposal for development of C.S0054-0 BCMCS point release (C00-20041018-126) was presented from Hitachi, KDDI, and Kyocera. **ACTION: This contribution was remanded to WG5 for review and action as appropriate.**
 - **DECISION: The summary of the interim TSG-C Plenary conference call (C00-20041018-003) was approved without objection.**
 - **DECISION: The summary of the TSG-C meeting for September 2004 that was held in Clearwater, FL, USA was approved without objection as modified by the discussion (C00-20041018-002R1).**

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

18. FUTURE MEETING SCHEDULE:

6-10 December 2004	Hyatt Regency Kauai in Kauai, HI, USA
10-14 January 2005	The Fairmont Hotel in Vancouver, BC, Canada
14-17 February 2005	Tokyo, Japan

19. OPEN DISCUSSION AND OTHER BUSINESS: The Chair noted the following:

- 3GPP will be hosting a workshop on RAN evolution on Toronto on 1-2 November 2004.
- The 3GPP2 TSG Chairs will be soliciting the SC and OPs to host a 3GPP2 workshop on evolution of the cdma2000 air interface and radio access network. However, there was concern expressed during the discussion regarding a submission from the TSG Chair that has not been reviewed or endorsed by the respective TSG. Ericsson recommended that the submission be made on behalf of the respective member companies (not as TSG Chairs) or that it be delayed until such time as TSG endorsement(s) can be obtained.

ACTION: The TSG-C Chair requested that all TSG-C participants consider the suggestion on a 3GPP2 workshop on evolution of the cdma2000 air interface and radio access network and to make comments on scope, objective, and any other related issues for this workshop. Comments are due by COB on or before 15 November 2004. These comments will then be discussed via the e-mail exploder.

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

- The contribution regarding approval of Existing Work Items in TSG-C (C00-20041005-002) from QUALCOMM was held open at the Plenary level until the interim Plenary of this meeting. However, it was inadvertently omitted from those discussions.
- The proposed schedule (C00-20041018-018A) for the CDMA2000 Multi-Carrier EV-DV (NxEV-DV) Requirements from presented from ALLTEL, Sprint, and LG Telecom was held open at the Plenary level.
- Consideration for approval of the following WI proposals was deferred until the next meeting:
 - C.P0015-A v2.0 SMS point release (C15-20041018-002R1)
 - C.P0015-B v2.0 SMS point release (C15-20041018-003R2)
 - BCMC SO specification (C00-20041018-007)
 - CDMA-MC STD (C00-20041018-014R2)

- Multi-Carrier Support for EV-DV (C00-20041018-017)
 - Multi-Carrier Support for EV-DO (C00-20041018-044)
 - C.R1002-A Evaluation Methodology (C00-20041018-122)
 - C.S0054-0 BCMCS point release (C00-20041018-126)
- All candidates for the positions of TSG-C Chair or Vice Chair must bring a letter of nomination that includes a letter of support from their company. Nominations may be submitted up to the time of the election.
 - The TSG-C Chair requested that all TSG-C participants consider the suggestion of a 3GPP2 workshop on evolution of the cdma2000 air interface and radio access network and to make comments on scope, objective, and any other related issues for this workshop. Comments are due by COB on or before 15 November 2004. These comments will then be discussed via the e-mail exploder.
21. ADJOURNMENT: The Plenary was adjourned on 22 October 2004 at NOON local time.

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

NUMBER	SUBJECT	SOURCE
OPENING PLENARY - 3GPP2-C00-20041018-		
000	DOCUMENT REGISTER	SECRETARY
001	AGENDA	CHAIR
002	TSG-C Meeting Summary - September 2004 - Clearwater, FL, USA	SECRETARY
003	TSG-C Interim Plenary Conference Call Meeting Summary - 5 October 2004	SECRETARY
004	cdma2000 Rev D bug fixes	NORTEL NETWORKS
005	Additional cdma2000 Rev D bug fixes	SAMSUNG
006	Additional cdma2000 Rev D bug fixes	QUALCOMM
007	Work Item Proposal for BCMC Service Option Specification	QUALCOMM
008	WITHDRAWN	
009	WITHDRAWN	
010	TIA-1054 HRPD Supplemental Services Ballot comments	TR45.5
011	Proposed correspondence to TSG-S regarding comments on Rm Interface Stage 1	WG1
012	TSG-C WI Process Guideline update v0.2	VICE CHAIR
013	Wireless Broadcast Service for IMT-2000	NAVINI NETWORKS
014	WI proposal for IMT-2000 TDD mobile broadband solution	NAVINI NETWORKS
015	Circumstances around IMT-2000 TDD systems in Japan	ARIB
016	Work Processing Guidelines	KDDI
017	Multi-carrier requirements	ALLTEL
018	Multi-carrier WI proposal	ALLTEL
019	Revised TSG-S Liaison Report - September 2004	TSG-S LIAISON
020	TSG-S Document Status Table - September 2004	TSG-S
021	Correspondence to TSG-S dated 24 September 2004 regarding 3GPP2/OMA Work Item Dependencies	TSG-X
022	Correspondence dated 24 September 2004 regarding AKA and PLCM Generation	TSG-X
023	Correspondence to TSG-C and TSG-A dated 24 September 2004 regarding Deriving PLCM During Hard Handoffs	TSG-X
024	Correspondence dated 24 September 2004 regarding QoS Profile ID	TSG-X
025	E-mail correspondences regarding SC level review and approval of C.S0045-0 v2.0 Multimedia Messaging Service (MMS) Media Format and Codecs for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT
026	E-mail correspondence dated 6 October 2004 regarding SC level review for publication of C.S0053-0 v1.0 Minimum Performance Specification for the Source-Controlled Variable-Rate Multimode Wideband Speech Codec (VMR-WB), Service Option 62 for Spread Spectrum Systems	3GPP2 SECRETARIAT
027	E-mail correspondence dated 30 September 2004 regarding SC level review for publication of C.S0043-0 v1.0 Signaling Conformance Test Specification for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT

028	E-mail correspondence dated 30 September 2004 regarding SC level review for publication of C.S0044-0 v1.0 Interoperability Specification for cdma2000 Air Interface	3GPP2 SECRETARIAT
029	E-mail correspondence dated 27 September 2004 regarding SC level approval of publication of C.S0066-0 v1.0 - Over-the-Air Service Provisioning for MEID-Equipped Mobile Stations in Spread Spectrum Systems	3GPP2 SECRETARIAT
030	E-mail correspondence dated 27 September 2004 regarding V&V review of C.P0023-A v2.4 Removable User Identity Module for Spread Spectrum Systems	3GPP2 SECRETARIAT
031	E-mail correspondence dated 28 September 2004 regarding V&V review of C.P0010-C Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Base Stations - Release C	3GPP2 SECRETARIAT
032	E-mail correspondence dated 28 September 2004 regarding V&V review of C.P0011-C v0.87 Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Mobile Stations	3GPP2 SECRETARIAT
033	E-mail correspondence dated 28 September 2004 regarding V&V review of C.P0026-A Test Data Service Option (TDSO) - Rev A	3GPP2 SECRETARIAT
034	E-mail correspondence dated 1 October 2004 regarding C.P1002 EVALUATION METHODOLOGY V&V	SECRETARY
035	E-mail correspondence dated 1 October 2004 regarding V&V review of C.P1002 v0.4 cdma2000 Evaluation Methodology	3GPP2 SECRETARIAT
036	Correspondence to all TSGs dated 20 September 2004 regarding Proposed Work Item Review	TSG-S
037	V&V comments for C.P0063 HRPD Supplemental Services	HITACHI
038	E-mail correspondences regarding the TSG-C proposed Industry Notice on SMS	3GPP2 SECRETARIAT
039	3GPP2 Workplan Reports	TSG-S PMT COORDINATOR
040	V&V comments from the 3GPP2 Secretariat regarding C.P1002-0 v0.4 cdma2000 Evaluation Methodology	3GPP2 SECRETARIAT
041	V&V comments for C.P1002 v0.4 cdma2000 Evaluation Methodology	ERICSSON
042	cdma2000 Rev. D bugs fixes	LGE
043	cdma2000 Rev. D bugs fixes	MOTOROLA
044	Multi-Carrier DO WI proposal	ALLTEL
INTERIM PLENARY - 3GPP2-C00-20041018-		
070	Report on SWG1.5 review of open WI proposals	WG1
071	Report on SWG1.5 review of open WI proposals	CHAIR
072	TSG-C WI Process Guideline update v0.3	WIP ADHOC
073	WI request for cdma2000 BS MPS	MOTOROLA, AGILENT, AND QUALCOMM
074	WI request for cdma2000 MS MPS	MOTOROLA, AGILENT, AND QUALCOMM
075	WI request for HRPD AT MPS	AIRVANA, LUCENT, NORTEL, AND QUALCOMM

076	WI request for HRPD AN MPS	AIRVANA, LUCENT, NORTEL, AND QUALCOMM
077	WI request for HRPD Test Application Spec	AIRVANA, LUCENT, NORTEL, AND QUALCOMM
CLOSING PLENARY - 3GPP2-C00-20041018-		
101	WG2 Report	WG1
102	WG2 Report	WG2
103	WG3 Report	WG3
104	WG4 Report	WG4
105	E-mail correspondence dated 18 October 2004 regarding leadership elections	3GPP2 SECRETARIAT
106	E-mail correspondence dated 18 October 2004 regarding SC level approval for publication C.S0043-0 v1.0 Signaling Conformance Test Specification for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT
107	E-mail correspondence dated 18 October 2004 regarding SC level approval for publication C.S0044-0 v1.0 Interoperability Specification for cdma2000 Air Interface	3GPP2 SECRETARIAT
108	C.P0016-C v0.6 OTASP proposed publication text	WG1
109	C.P0015-A/B SMS point releases proposed baseline text for	WG1
110	C.P0046-0 v0.1.7 MSS proposed baseline text	WG1
111	Proposed correspondence to EP-SCP regarding CAT	WG1
112	Proposed correspondence to the 3GPP2 SC regarding OMA references	WG1
113	Proposed correspondence to OMA DM regarding IOTA-DM status	WG1
114	Proposed correspondence to the 3GPP2 SC regarding SMS Industry Notification	WG1
115	Proposed correspondence to TSG-S regarding TSG-C WI Review for October 2004	WG1
116	Proposed correspondence to TSG-X regarding Push Services	WG1
117	Proposed correspondence to EP-SCP regarding CAT support for MEID	WG1
118	Proposed correspondence to TSG-S regarding TSG-C Stage 1 Review Activity for October 2004	WG1
119	TSG-S Liaison Report - October 2004	TSG-S LIAISON
120	Correspondence dated 21 October 2004 regarding S.P0100-0 PoC SRD	TSG-S
121	Correspondence to TIA AHAG regarding BCMCS security issues	TSG-S
122	WI proposal for C.R1002-A Evaluation Methodology	NOKIA, MOTOROLA, AND QUALCOMM
123	Proposed correspondence to TSG-A regarding PLCM hard handoff	WG2
124	S.R0100-0 v1.0 PoC System Requirements publication text	TSG-S
125	S.R0104-0 HAT Authentication System Requirements publication text	TSG-S
126	WI proposal for C.S0054-0 BCMCS point release	HITACHI, KDDI, AND KYOCERA
127	TSG-C open WI proposal list	WG5

3GPP2 QUORUM ROLL CALL

TSG-C (CDMA2000)

22-Oct-04

INDIVIDUAL MEMBER COMPANY	Attendance 10/16/2004	Attendance 10/21/2004	Attendance 10/22/2004	Consecutive Mtgs Missed	Voting Status	Quorum Status at Mtg Start
AGILENT TECHNOLOGIES		1		0	1	1
ALLTEL	1			0	1	1
AXALTO	1			0	1	1
BELL MOBILITY				2	0	0
DOCOMO US LABORATORIES	1			1	1	0
EACCESS	1			0	1	1
ERICSSON	1			0	1	1
ETRI	1			0	0	0
FUJITSU	1			0	1	1
GEMPLUS	1			1	1	1
HITACHI	1			0	1	1
HUAWEI	1			2	0	0
INTERDIGITAL	1			0	1	1
KDDI	1			0	1	1
KYOCERA	1			0	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	1			0	1	1
NEC	1			1	1	1
NEXTEL	1			1	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				0	1	1
SAMSUNG	1			0	1	1
SK TELECOM				3	0	0
SIRF TECHNOLOGY				2	1	0
SPIRENT COMMUNICATIONS				1	1	1
SPRINT	1			0	1	1
TEXAS INSTRUMENTS	1			1	1	1
TOSHIBA	1			0	1	1
VERIZON WIRELESS				3	0	0
VIA TELECOM	1			0	1	1
ZTE	1			3	0	0
TOTALS	26	1	0		31	29
QUORUM CALCULATION	90%	3%	0%			
ADDITIONS						
TOKAI	1					0
AIRVANA			1			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