

Title:

APPROVED SUMMARY OF 3GPP2 TSG-C MEETINGS
for 17-21 February 2003 in Los Angeles, CA

Source:

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**Abstract:**

This document is a summary of the 3GPP2 TSG-C meetings that were held during the period of 17-21 February 2003 in Los Angeles, CA.

Recommendation:

Review and adopt.

Notice:

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1 During the period of 17-21 February 2003, 3GPP2 TSG-C meetings were held at the Westin
2 Bonaventure Hotel in Los Angeles, CA. 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 at
6 8:45 AM local time on 17 February 2003 by TSG-C Chair, BK Yi (LGE). The Chair
7 welcomed everyone to Los Angeles.

8 2. ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of companies indicated
9 that 24 companies included on the list of 34 quorum members were present (71%
10 participation).

11 The Secretary noted that the no proxy statements had been received.

12 3. INTRODUCTION AND NUMBERING OF CONTRIBUTIONS: Contributions were
13 loaded onto the 3GPP2 network server and listed in the document register (C0020030217-
14 -000R1).

15 4. AGENDA APPROVAL: The proposed agenda (C00-20030217-001R1) was presented.
16 **DECISION: The agenda (C00-20030217-001R1) was approved without objection as**
17 **submitted.**

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

20 6. APPROVAL OF PREVIOUS MEETING SUMMARY:

- 21 • The meeting summary from the December 2002 meeting in Maui, HI (C0020030113-
22 002) was presented. **DECISION: The December 2002 meeting summary**
23 **(C00-20030113-002) was approved without objection as submitted.**
- 24 • The summary of the January 2003 meeting in Shenzhen, China (C00-20030217002)
25 was presented. **DECISION: The January 2003 meeting summary**
26 **(C00-20030217-002) was approved without objection as submitted.**

27 7. CORRESPONDENCE:

- 28 • Correspondence dated 14 February 2003 regarding TSG-C correspondence to CDG
29 (C00-20030113-106_corr_CDG_re_MM_file_types) (C00-20030217-006) was
30 presented from CDG. **ACTION: This correspondence (C00-20030217-006) was**
31 **remanded to WG1 for review and action as appropriate.**
- 32 • Proposed correspondence to TSG-S regarding the TSG-S call for contributions related
33 to the formalization of the 3GPP2 publication process (C00-20030217-014) was
34 presented by the Secretary. **DECISION: This correspondence was approved**
35 **without objection for transmission as modified by the discussion**
36 **(C00-20030217-014R1).**

- 1 8. LIAISON REPORTS:
- 2 • OP MEETING: No contributions.
- 3 • SC: The draft summary of 3GPP2 SC meeting in Shenzhen, China (C0020030217-
- 4 -013) was noted. The executive summary from the unofficial report by the TSG-C
- 5 Secretary (C00-20030217-013A) was reviewed. In that unofficial report, the section
- 6 that noted that the statement on page 3 that stated “The SC acknowledged the WIG as
- 7 a focal point for WLAN Interworking discussions” should be interpreted that the SC
- 8 Chair indicated that this was the position of the WIG and not a determination of the SC
- 9 participants. **ACTION: This contribution (C00-20030217-013) was remanded to**
- 10 **all WGs as FYI.**
- 11 • 3GPP2 SECRETARIAT: The following contributions were discussed:
- 12 • E-mail correspondences dated 24 January 2003 regarding distribution of work
- 13 items (C00-20030217-007) was presented from the 3GPP2 Secretariat.
- 14 **ACTION: This contribution (C00-20030217-007) was remanded to**
- 15 **WG1 for review and action as appropriate.**
- 16 • The TSG-C/3GPP2 Workplan Reports (C00-20030217-008) was presented
- 17 from the 3GPP2 Secretariat. **ACTION: This contribution (C00-20030217-**
- 18 **-008) was remanded to WG1 for review and action as appropriate.**
- 19 • E-mail correspondence regarding Acknowledgment of Use of 3GPP Material
- 20 by 3GPP2 (C00-20030217-009) was presented from the 3GPP2 Secretariat.
- 21 **ACTION: This contribution (C00-20030217-009) was remanded to all**
- 22 **WGs as FYI.**
- 23 • E-mail correspondence dated 30 January 2003 regarding SC review of
- 24 C.S0011-B (C00-20030217-010) was presented from the 3GPP2 Secretariat.
- 25 This contribution was considered to be FYI for the TSG.
- 26 • E-mail correspondence dated 31 January 2003 regarding SC review of
- 27 C.S0010-B (C00-20030217-011) was presented from the 3GPP2 Secretariat.
- 28 This contribution was considered to be FYI for the TSG.
- 29 • E-mail correspondences dated 3 February 2003 regarding change to existing
- 30 work item (C00-20030217-012) was presented from the 3GPP2 Secretariat.
- 31 **ACTION: This contribution (C00-20030217-012) was remanded to**
- 32 **WG1 for review and action as appropriate.**
- 33 • TSG-A: No contributions.
- 34 • TSG-N: Correspondence dated 16 January 2003 regarding TSG-N request for
- 35 IOTA-HCM MMD configuration (C00-20030217-005) was presented from TSG-N.
- 36 **ACTION: This contribution (C00-20030217-005) was remanded to WG1 for**
- 37 **review and action as appropriate.**
- 38 • TSG-S: No contributions.

- 1 • TSG-P: No contributions.
- 2 • TR45: No contributions.
- 3 9. WORKING GROUP REPORTS:
- 4 • A request for TSG-C Technical Writer support (C00-20030217-003R1) was
5 presented by WG1. **DECISION: This request (C00-20030217-003R1) was**
6 **endorsed without objection and will be forwarded to the 3GPP2 Secretariat.**
- 7 • The TSG-C Document/Project List for January 2003 (C00-20030217-004) was
8 noted from WG1 as FYI for the TSG.
- 9 • Proposed publication text for C.S0017-0 v5.0 Data Service Options (C0020030217-
10 -015) was presented by WG1. **DECISION: This contribution (C0020030217-**
11 **-015) was approved without objection for publication and to be liaised to TIA**
12 **TR45.5.**
- 13 • WG1 Chair, Phil Brown (Ericsson), noted the following plan of activities for
14 continuation of work for this week:
- 15 • C.P0045 MM Messaging Service
- 16 • Consolidated speech codec
- 17 • Stage 2 for wideband codec
- 18 • C.P0046 MM Streaming Service (possibility of baseline text this week)
- 19 • C.P9021 LLA_RHOC
- 20 • C.P0017-A Data Services
- 21 • WG2 Chair, Orlett Pearson (Lucent), noted the following plan of activities for
22 continuation of work for this week:
- 23 • Review Stage 1 documents
- 24 • Fast Call Setup
- 25 • MEID
- 26 • Enhanced Call Recovery
- 27 • RL issues
- 28 • Broadcast over HRPD
- 29 • WG3 Chair, Ed Tiedemann (QUALCOMM), noted the following plan of activities for
30 continuation of work for this week:
- 31 • All initial RL proposals due to be submitted this week
- 32 • Continue calibration and simulation work
- 33 • ITU AdHoc will meet this week
- 34 • WG4 Vice Chair, Dave Whipple (Agilent Technologies), noted the following plan of
35 activities for continuation of work for this week:
- 36 • Continue to work on HRPD MPS point release

1 • WG4 will meet only by conference call on Thursday 20 February 2003

2 10. OLD BUSINESS: No contributions.

3 11. NEW BUSINESS: No contributions.

4 This session was recessed on 17 February 2003 at 10:25 AM local time.

5

6 CLOSING PLENARY

7 The meeting was reconvened on 21 February 2003 at 8:50 AM local time.

8 Quorum was established at the opening Plenary and not challenged at this time. There were two (2)
9 additional companies on the TSG-C active list were noted in attendance.

10 8. LIAISON REPORTS (continued):

11 • E-mail correspondence dated 19 February 2003 regarding approval of C.S0010-B
12 v1.0 (C00-20030217-114) was presented from the 3GPP2 Secretariat. This
13 contribution was noted as FYI for the TSG.

14 • E-mail correspondence dated 19 February 2003 regarding approval of C.S0011-B
15 v1.0 (C00-20030217-115) was presented from the 3GPP2 Secretariat. This
16 contribution was noted as FYI for the TSG.

17 • Correspondence dated 30 October 2002 regarding final review of File Format for
18 Multimedia Services Requirements (S.P0074-0) (C00-20030217-105) was presented
19 from TSG-S. The TSG-S Liaison noted that this correspondence was inadvertently
20 omitted from the TSG-S communications from that month. **ACTION: Since all WGs**
21 **had seen this contribution in advance, this contribution (C0020030217-105) was**
22 **remanded to all WGs as FYI.**

23 9. WORKING GROUP REPORTS (continued):

24 • WG1 REPORT: The WG1 report (C00-20030217-101) was presented by the WG1 Chair,
25 Phil Brown (Ericsson), as FYI.

26 • Continued to progress the development of C.P0045-0 MMS Media Formats and
27 Codecs. Discussion will continue via interim conference calls.

28 • Also continued the development of the following documents:

29 • Multimedia Streaming Service (C.P0046-0)

30 • LLA_ROHC (C.P9021) - Target publication text for March 2003

31 • Data Services (C.P0017-A)

32 • SMS revision (C.P0015-B)

33 • OTASP (C.P0016-C)

34 • R-UIM (C.P0023-B)

- 1 • Position Determination Service (C.P0022-A). Discussion will continue via
2 interim conference calls.
- 3 • Approved a project request for two documents in support of the Wideband Codec: an
4 algorithm description specification and a companion minimum performance
5 specification.
- 6 • Completed review of S.P0038 (3GPP2 Evolution Document v1.1.1). The WG had no
7 comments.
- 8 • Discussed the merits of having a standing meeting scheduled on Monday afternoon of
9 each plenary session to address items of interest across TSG-C, with a principal focus
10 on Stage 1 review (RR AHG) and Work Plan (SWG1.5). There was enough interest
11 that the WG felt that this issue should be brought to the plenary for consideration.
- 12 • The 3GPP2 editor is finalizing the consolidated text for the 13K codec specification
13 (C.S0020-0), and anticipates delivering publication-ready text at the March meeting.
14 No progress has been made on the EVRC consolidated text (C.S0014-0).
- 15 • Attempting to consolidate the TSG-C workplan to facilitate better linkage with the
16 3GPP2 PMT Coordinator activities

17 **DECISION: The TSG agreed that the 1:30-3:30 PM Monday time slot will be made**
18 **available for joint WG meetings as the need is determined at closing Plenary of the**
19 **previous meeting.**

20 **DECISION: The requests for two (2) project numbers associated with the Wideband**
21 **Codec development activities (C00-20030217-106) were approved without objection for**
22 **the following:**

- 23 • **Algorithm description specification**
- 24 • **Minimum performance specification**

25 **ACTION: C.Pxxxx numbers for these projects will be assigned by the WG1 Chair.**

26 **DECISION: Proposed correspondence to TSG-X regarding Location Services**
27 **(C00-20030217-107) was approved without objection for transmission pending**
28 **correction of the title of the addressee from TSG-N to TSG-X by the Secretary.**

29 **DECISION: Proposed correspondence to TSG-S regarding February 2003 Stage 1**
30 **Review (C00-20030217-108) was approved without objection for transmission pending**
31 **correction of the date in the subject line from January to February 2003 by the**
32 **Secretary.**

33 The TSG-C year 2003 workplan v1 (C00-20030217-109) was noted as FYI for the TSG. A
34 final version will be distributed via e-mail.

- 1 • WG2 REPORT: The WG2 report (C00-20030217-102) was presented by the WG2 Chair,
2 Orlett Pearson (Lucent), as FYI.
- 3 • Held joint meetings with TSG-A and TSG-X regarding multiple service instances. The
4 discussion will continue via an interim conference call.
- 5 • Completed the review of Stage 1 descriptions for Broadcast Multicast, File Format for
6 Multimedia Services, and MEID.
- 7 • Reviewed the S.P0079 End-to-end QoS based on a liaison from TSG-P but reserved
8 comment pending the receipt of TSG-S request for comment.
- 9 • Identified a problem in the formatting of encapsulated MuxPDU Types 1 and 2 within a
10 MuxPDU Type 5 and noted on potential impact to implementations of C.S0003-C.
- 11 • Progressed the development of HRPD Air Interface specification and decided to
12 request a document number for this effort. SWG2.5 is planning to advance the HRPD
13 broadcast/multicast service forward to baseline status at the next meeting
- 14 • A liaison will be sent to the BCMCS AHG to validate that the current HRPD
15 broadcast/multicast service meets the needs of the BCMCS framework document.
- 16 • Generated correspondence to TSG-S WG4 regarding the probability of collision when
17 generating the SHA-1 digest.

18 **DECISION: Proposed correspondence to TSG-S regarding SHA-1 (C00-20030217-**
19 **113) was approved without objection for transmission pending correction of addressing**
20 **to TSG-S only and the addition of TSG-X to the cc list by the Secretary.**

- 21 • WG3 REPORT: The WG3 report (C00-20030217-103R1) was presented by the WG3
22 Chair, Ed Tiedemann (QUALCOMM) , as FYI.
- 23 • Completed the review of Stage 1 descriptions for the following:
- 24 • IP Based Location Services (S.P0066)
- 25 • IP Network Architecture Model for cdma2000 Spread Spectrum Systems
26 (S.P0037)
- 27 • File Format for Multimedia Services (FFMS), Stage 1 (S.P0074)
- 28 • WG3 agreed upon a traffic model for gaming for inclusion into the strawman, corrected
29 the HTTP traffic model, and added a reverse link delay criteria for HTTP requests.
- 30 • Agreed in principle to include Lucent's link level modeling method as an appendix to the
31 strawman.
- 32 • Received RL proposals from Lucent, Nortel, and QUALCOMM.
- 33 • There has been considerable work on developing system level simulations for
34 cdma2000 Revision C. Seven (7) companies (Ericsson, LGE, Lucent, Nokia, Nortel,
35 QUALCOMM, and Samsung) continue to be actively involved and submitting results.
- 36 • ITU AdHoc group met to prepare inputs for the next Working Party 8F meeting.

- 1 • The HRPD AdHoc met to review the text for the HRPD broadcast service. The text
2 was approved and sent to the Working Group for approval and transfer to the plenary
3 for baseline.

4 **DECISION: The update of ITU-R WP8F roadmap for CDMA MC (C0020030217--**
5 **110R2) was approved without objection for liaison to TIA TR45.5 for transmission to**
6 **ITU-R WP8F and for transmission to the 3GPP2 OPs as FYI.**

7 **DECISION: Proposed correspondence to 3GPP2 SDOs regarding a reminder for**
8 **SDO action related to M.1457-3 (C00-20030217-111R1) was approved without**
9 **objection for transmission to the 3GPP2 OPs with its attachments.**

10 The cdma2000 HRPD Air Interface Specification with the completed Physical Layer
11 (C00-20030217-112) was noted as FYI for the TSG since the completion of the signaling
12 sections is not expected until the March 2003 meeting.

- 13 • WG4 REPORT: The WG4 report (C00-20030217-104) was presented by Kurt Bantle
14 (Spirent), as FYI.

15 • Work continues on the C.P0032 (1xEV-DO AN MPS) and C.P0033 (1xEV-DO AT
16 MPS). The SWG is trying to achieve consensus on the RHO specification in order to
17 produce SDO review text in March 2003.

18 • Work continues on the C.P0043 (Signaling Conformance Test Specification for
19 cdma2000 Air Interface) and C.P0044 (Interoperability Test Specification for
20 cdma2000 Air Interface) documents this week. The SWG is expecting to produce
21 SDO review text by the end of the May 2003 face-to-face meeting.

22 No actions requested from Plenary.

23 10. OLD BUSINESS (continued): No additional discussions.

24 11. NEW BUSINESS (continued): The draft meeting room assignments for the next meeting were
25 reviewed.

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

- 28 • **ACTION: C.Pxxxx numbers for Algorithm Description Specification and**
29 **Minimum Performance Specification for the Wideband Codec development**
30 **activities will be assigned by the WG1 Chair.**

31 13. FUTURE MEETING SCHEDULE:

17-21 March 2003	The Fairmont Hotel Vancouver in Vancouver, BC
14-18 April 2003	The Coeur d'Alene Resort in Coeur d'Alene, ID
12-17 May 2003	The Westin Horton Plaza in San Diego, CA

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- 1 14. OPEN DISCUSSION AND OTHER BUSINESS:
- 2 • No additional discussions.
- 3 14. ADJOURNMENT: The Plenary was adjourned on 21 February 2003 at 10:55 AM local time.
- 4

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

NUMBER	SUBJECT	SOURCE
OPENING PLENARY - 3GPP2-C00-20030217-		
000	DOCUMENT REGISTER	SECRETARY
001	AGENDA	CHAIR
002	TSG-C Meeting summary - January 2003 - Shenzhen, China	SECRETARY
003	Request for TSG-C Technical Writer support	WG1
004	TSG-C Document/Project List (Jan 2003)	WG1
005	Correspondence dated 16 January 2003 regarding TSG-N request for IOTA-HCM MMD configuration	TSG-N
006	Correspondence dated 14 February 2003 regarding TSG-C Correspondence to CDG (C00-20030113-106_corr_CDG_re_MM_file_types)	CDG
007	E-mail correspondences dated 24 January 2003 regarding distribution of work items	3GPP2 SECRETARIAT
008	TSG-C/3GPP2 Workplan Reports	3GPP2 SECRETARIAT
009	Acknowledgment of Use of 3GPP Material by 3GPP2	3GPP2 SECRETARIAT
010	E-mail correspondence dated 30 January 2003 regarding SC review of C.S0011-B	3GPP2 SECRETARIAT
011	E-mail correspondence dated 31 January 2003 regarding SC review of C.S0010-B	3GPP2 SECRETARIAT
012	E-mail correspondences dated 3 February 2003 regarding change to existing work item	3GPP2 SECRETARIAT
013	Draft summary of 3GPP2 SC meeting in Shenzhen, China	3GPP2 SECRETARIAT
014	Proposed correspondence to TSG-S regarding the TSG-S call for contributions related to the formalization of the 3GPP2 publication process	SECRETARY
015	C.S0017-0 v5.0 Data Service Options	WG1
CLOSING PLENARY - 3GPP2-C00-20030217-		
101	WG1 Report	WG1
102	WG2 Report	WG2
103	WG3 Report	WG3
104	WG4 Report	WG4
105	Correspondence dated 30 October 2002 regarding final review of File Format for Multimedia Services Requirements (S.P0074-0)	TSG-S
106	Project request for Wideband Codec	WG1
107	Proposed correspondence to TSG-X regarding Location Services	WG1
108	Proposed correspondence to TSG-S regarding February 2003 Stage 1 Review	WG1
109	TSG-C year 2003 workplan v1	WG1
110	Update of ITU-R WP8F Roadmap for CDMA MC	WG3

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111	Proposed correspondence to 3GPP2 SDOs regarding a reminder for SDO action related to M.1457-4	WG3
112	cdma2000 HRPD Air Interface Specification - Physical Layer	WG3
113	Proposed correspondence to TSG-S regarding SHA-1	WG2
114	E-mail correspondence dated 19 February 2003 regarding approval of C.S0010-B v1.0	3GPP2 SECRETARIAT
115	E-mail correspondence dated 19 February 2003 regarding approval of C.S0011-B v1.0	3GPP2 SECRETARIAT

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3GPP2 QUORUM ROLL CALL					
TSG-C (CDMA2000)					
21-Feb-03					
COMPANY	Attendance 02/17/2003	Attendance 02/21/2003	Consecutive Mtg Missed	Voting Status	Quorum Status at Mtg Start
AGILENT TECHNOLOGIES	1		1	1	1
ALLTEL	1		0	1	1
BELL MOBILITY			2	1	1
CISCO			1	0	0
COMMWORKS			3	0	0
DOCOMO US LABORATORIES	1		1	1	1
ERICSSON	1		0	1	1
ETRI			0	1	1
FRANCE TELECOM			2	1	1
FUJITSU	1		0	1	1
GEMPLUS	1		1	1	1
HITACHI	1		0	1	1
HYUNDAI			0	1	0
KDDI	1		0	1	1
KT FREETEL			0	1	1
KYOCERA	1		1	1	1
LG ELECTRONICS	1		0	1	1
LG TELECOM			0	1	1
LINKAIR			0	1	0
LUCENT	1		0	1	1
MATSUSHITA/PANASONIC			3	0	0
MOTOROLA	1		0	1	1
NEC	1		0	1	1
NEXTEL	1		0	1	1
NEXTREAMING			0	0	0
NOKIA	1		0	1	1
NORTEL NETWORKS	1		0	1	1
OPEWAVE SYSTEMS			3	0	0
QUALCOMM	1		0	1	1
RESEARCH IN MOTION			0	1	1
ROHDE & SCHWARZ	1		1	1	1
SAMSUNG	1		0	1	1
SCHLUMBERGERSEMA	1		0	1	1
SIERRA WIRELESS			1	0	0
SIRF TECHNOLOGY	1		2	1	1
SK TELECOM			0	1	1
SORRENTO TELECOM			3	0	0
SPIRENT COMMUNICATIONS	1		0	1	1
SPRINT PCS	1		0	1	1
TELUS MOBILITY			2	0	0
TEXAS INSTRUMENTS			0	1	1
TOSHIBA		1	0	1	1
VERIZON WIRELESS			3	0	0
VIA TELECOM	1		0	1	1
ZTE		1	0	1	1
TOTALS	24	2		36	34
QUORUM CALCULATION	71%	6%			
ADDITIONS					
OBSERVERS AND GUESTS					
CDG	1				

QUORUM STATUS NOTES:
 - HIGHLIGHTED ZERO = Must attend 2 consecutive mtgs to be added to quorum list
 - NON-HIGHLIGHTED ZERO = Will be added to quorum list if they attend the next mtg
 - P = proxy letter in force