1 **Title:**

2 **APPROVED SUMMARY OF 3GPP2 TSG-C MEETINGS**

3 for 18-21 September 2001

4 **Source:**

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14 **Abstract:**

15 This document is a summary of the 3GPP2 TSG-C Plenary conference calls that were held during the
16 period 18-21 September 2001 as a change in venue for the canceled Kyoto meetings. *Please note:*
17 *Although this meeting was scheduled for the period of 18-21 September 2001, it was actually*
18 *extended through to 26 September 2001.*

19 **Recommendation:**

20 Review and adopt.

21

22 **Notice:**

1   During the period of 18-21 September 2001, Plenary sessions for 3GPP2 TSG-C were held by
2   conference call as a change in venue for the canceled Kyoto meetings as directed by the 3GPP2 SC
3   Chair. This document is intended to summarize those proceedings. *Please note: Although this*
4   *meeting was scheduled for the period of 18-21 September 2001, it was actually extended through*
5   *to 26 September 2001.*

6

7   **<u>OPENING PLENARY</u>**

8   1.   CALL TO ORDER AND OPENING REMARKS: The meeting was called to order at
9   7:07 PM US central time zone on 18 September 2001 by TSG-C Chair, Jean Alphonse
10   (Lucent).

11 2.   ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of companies indicated
12   that 39 companies included on the list of 44 active members were present and thus quorum was
13   established (89% participation).

14 3.   INTRODUCTION AND NUMBERING OF CONTRIBUTIONS: Contributions were
15   loaded onto the 3GPP2 website and listed in the document register (C00-20010918-000).
16   The contributions were also broadcast as a single zip file on the TSG-C e-mail exploder.

17 4.   AGENDA APPROVAL: The proposed agenda (C00-20010918-001) was presented and
18   approved without objection as

19 5.   ASSIGNMENTS OF CONTRIBUTIONS TO AGENDA ITEMS: Contributions were
20   assigned to agenda items.

21 6.   OLD BUSINESS:

22   •   WG2 Chair, Orlett Pearson (Lucent), report that WG2 conference calls have been held
23   and will continue to be held this week. Issues include the following:

24   •   Sync Channel technical discussions are in process pending direction from the
25   Plenary on whether the SYNC Channel should be included in Rev. A..

26   •   CDMA2000 Rev. A signaling documents will be ready for Plenary approval on
27   Thursday.

28   •   1xEV-DO update is complete and will also be submitted for Plenary approval
29   on Thursday.

30   •   Some considerations for Sync Channel Issues (C00-20010918-005) was presented by
31   Samsung, ETRI, KT Freetel, LGE, and LG Telecom. This contribution expressed the
32   concerns of the contributors regarding the impact of the Sync Channel solution on
33   system performance, legacy system operation, international roaming, and system
34   complexity. The contributors recommended that the Motorola proposal for the Sync
35   Channel should be reviewed by the TSG-C Plenary at the October meeting (it has only
36   been reviewed by the TR45.5 Plenary).

In addition, the contributors indicated that if TIA wanted to proceed with the implementations of these particular TIA ballot comments, they have the option to procede in that manner. There was substantial resistance expressed against the delay and the de-synchronization of 3GPP2/TIA documents regarding this issue. The group decided to pursue the following course of action:

- WG2 was directed to continue their technical discussions to incorporate the Sync Channel solution as a TIA ballot resolution process for liaison to TIA for ballot.

- Sprint PCS made the following motion: "TSG-C should include the technical solution to the Sync Channel problem in the 3GPP2 version of the CDMA2000 Revision A documents and that those documents, including the resolution to all TIA ballot comments, be ready for liaison to all SDOs for review and comment at the TSG-C Plenary meeting on Thursday 20 September 2001. In addition, TSG-C agrees to include a fix for the Sync Channel problem in the next released version of C.S0005-A." The motion was duly seconded by Lucent. The results are a roll call vote were as summarized below:

  - YES   10
  - NO   7
  - ABSTAIN   21

  The vote was considered invalid based on the fact that less than 50% of the members present cast votes for or against.

- A motion was made by QUALCOMM as follows: "TSG-C will revisit the issue of the 3GPP2 release of the Sync Channel solution and the liaison of Sync Channel related text to TR45.5 at the next TSG-C Plenary session. WG2 is authorized to continue technical discussions on the Sync Channel solution but not to incorporate that solution into any output text." The motion was seconded by NEC. The results are a roll call vote were as summarized below:

  - YES   21
  - NO   6
  - ABSTAINS   6

  The vote was valid and it also achieved the required 71% YES vote (only 78% voted YES). Therefore, the motion passed.

- WG5 Co-Chair, Ed Tiedemann (QUALCOMM), noted the following issues related to 1xEV-DV assessment:

  - 21 documents have been submitted this week.

  - Priority is to select 1 of the 2 framework proposals or to agree on a plan to harmonize the 2 proposals.

1   •   The TSG Chair advised that communications from the SC Chair would
2   support the ability to make decisions despite the concerns related to
3   ample meeting notice.

4   •   The following additional meetings were suggested:

5   •   An additional Plenary conference calls on Wednesday at 9:00
6   PM US central.

7   •   An additional WG5 meeting on Friday from 5:00-9:00 PM US
8   central time.

9   •   An additional Plenary conference calls on Friday at 9:00 PM
10   US central.

11   These additional meetings were approved.

12   •   WG3 Chair, Ed Tiedemann (QUALCOMM), noted the following status:

13   •   Release A Addendum will be completed for Thursday Plenary.

14   •   1xEV-DO Physical Layer Addendum will be completed for Thursday
15   Plenary.

16   •   ITU-R RSPC submission requirements are still being discussed.

17   •   The TSG Chair and Secretary will attempt to contact ITU-R WP 8F to
18   determine if there is any possibility of relief on the 3 October 2001
19   required submission date .

20   •   The ITU AdHoc will review the possibility of supplying high-level
21   information on 1xEV-DV in lieu of full technical detail to meet the ITU
22   "best and final" requirements. Detailed review of a related contribution
23   from LinkAir was deferred until the next Plenary session.

24   •   An ARIB's draft Letter of Conveyance and RSPC Section 5.2.2 update (C00-
25   20010918-006) was presented. This contribution was remanded to WG3 as FYI.

26   •   All other contribution that had been submitted were deferred until the next Plenary
27   session.

28   7.   NEW BUSINESS: None.

29   This session was recessed on 18 September 2001 at 11:15 PM US central time.

30

31   <u>**INTERIM PLENARY #1**</u>

32   The meeting was reconvened on 19 September 2001 at 9:36 PM US central time.

33   The Chair indicated the following priorities for this session:

34   •   Contributions not covered last night.

35   •   Update on details related to the upcoming ITU-R submission

1 • Review the need for a November meeting

2 • Update on WG5 status

3 The Secretary confirmed quorum for this call. A roll call of companies indicated that 39 companies
4 included on the list of 44 active members were present and thus quorum was established (89%
5 participation).

6 The TSG agreed that a meeting of the full TSG in November 2001 will be required to make up for the
7 loss of the face-to-face meeting opportunity in Kyoto. In addition, the group decided to expand on the
8 previously scheduled WG2/WG3 meetings in Kauai and be held during the period of 5-9 November
9 2001.

10 At the suggestion of one (1) of the members, the Chair agreed that the TSG management (i.e., TSG
11 Chair's Team) will consider plans for action in case travel restrictions become a problem for the
12 potential meeting participants.

13 6. OLD BUSINESS (continued):

14 • A contribution entitled "1xEV-DV Submission to ITU: Components" (C00-
15 20010918-003) was presented by LinkAir. This contribution recommended the
16 inclusion of a listing of all 1xEV-DV component technologies under current
17 consideration in the upcoming RSPC submission. This contribution is remanded to
18 WG3 for review by the ITU Focus Group and comment by the closing Plenary.

19 • A contribution on a harmonized 1xEV-DV Forward Link Proposal (C00-20010918-
20 007) was presented by Ericsson. This contribution recommends a process to define a
21 set of key features that should be the basis for 1xEV-DV forward link. The contributor
22 indicated that this contribution has already been submitted to WG5 and will be
23 considered by that group. Therefore, the contribution was left open at the Plenary level.

24 • WG5 Co-Chair, Ed Tiedemann (QUALCOMM), noted the following WG5 status of
25 activities:

26 • Many of the discrepancies in the understand of the evaluation methodology by
27 the framework proponent proposers have been addressed and additional
28 simulation data is not available.

29 • Some limited cross simulation data is available but the results were inconsistent
30 in all cases. In addition, there is no agreement regarding the rectification of
31 these inconsistent results.

32 • A straw poll was conducted in WG5 with the following results:

33 • Prefer L3NQS 15

34 • Prefer 1XTREME 3

35 • Abstain 15

36 Based on these results and upon the additional discussions in the group, there is
37 no consensus in the group on the framework selection. The issue of
38 harmonization of the proposals was not addressed in WG5.

1   •   Lucent made the motion that "TSG-C adopt the L3NQS framework proposal
2   (C50-20010611-009 (Physical Layer), C50-20010709-027 (Signaling), and
3   C50-20010709-028 (LAC/MAC)) as the framework for Forward Link
4   operation of 1xEV-DV and that WG5 support the ITU submissions upon the
5   agreed upon schedule based on this framework." The motion was seconded by
6   LSI. The results are a roll call vote were as summarized below:

7   •   YES   21

8   •   NO   12

9   •   ABSTAINS   10

10   The vote was valid but it failed to achieve the required 71% YES vote (only
11   63% voted YES). Therefore, the motion failed.

12   WG5 was directed to continue their discussions and attempt to achieve consensus on
13   the issue of framework selection and this issue will be discussed again at the Plenary
14   level tomorrow.

15   Based on the need for addition time for WG5 discussions, the Plenary conference call on
16   Thursday 20 September 2001 was rescheduled to begin at 9:00 PM US central time instead of
17   7:00 PM as previously scheduled.

18   This session was recessed on 19 September 2001 at 11:45 PM US central time.

19

20   **<u>INTERIM PLENARY #2</u>**

21   The meeting was reconvened on 20 September 2001 at 9:15 PM US central time.

22   The Secretary confirmed quorum for this call. A roll call of companies indicated that 41 companies
23   included on the list of 44 active members were present and thus quorum was established (93%
24   participation).

25   7.   OLD BUSINESS (continued):

26   •   WG2 Vice Chair, Michael Wang (Nortel Networks), indicated the WG2 status as
27   follows: Updated versions of all CDMA2000 Release A documents are complete.
28   However, the Layer 3 document does not include a solution for the Synch Channel
29   problem. All documents are planned for submission for Plenary approval on the call on
30   Friday 21 September 2001.

31   •   A contribution on the Sync Channel Issues (C00-20010918-020) was presented by
32   Motorola. This contribution includes an overview presentation and the latest version of
33   the signaling text being proposed by Motorola. The technical issues on the Sync
34   Channel solution are being considered pending direction from the Plenary. The
35   contribution was used as the basis of discussion on whether the Sync Channel solution
36   should be included in the 3GPP2 specifications.

- A related contribution on some considerations for the Sync Channel (C00-20010918-024) was presented by LGE, Samsung, LGT, ETRI, Hyundai, and KT Freetel. The contribution suggested that changing the standards to solve specific vendor's problem is a very bad practice and leaves a very bad example to the future.

- The Chair remanded both contributions (C00-20010918-020 and C00-20010918-024) to WG2 for review and action in an attempt to achieve consensus on action related to the Sync Channel by the closing Plenary of the October meeting.

- Based on the discussion, the Chair also directed that the release of the SDO ballot resolution version of CDMA2000 Revision A be delayed until the October meeting to allow additional time to resolve the Sync Channel issue. Since WG2 had completed all CDMA2000 work with the exception of the Sync Channel Solution, the Chair also directed that no other changes to the CDMA2000 Revision A text other than the Sync Channel solution.

- WG3 Chair, Ed Tiedemann (QUALCOMM), noted the following WG status:

  - C.S0024 1xEV-DO v3.0 (C00-20010918-021) was presented including both physical layer and signaling text. This contribution was approved without objection for publication and liaised to all SDOs for review and comment.

  - C.S0002-A CDMA2000 Physical Layer Revision A v6.0 (C00-20010918-022) was presented. Based on previous discussions regarding the release of the Revision A text, this contribution was held open at the Plenary level so that all Revision A documents can be released together.

  - The ITU FG group met this morning and developed a plan for the upcoming RSPC submissions. The group has agreed that an RSPC submission will be made for the upcoming ITU-R meeting and that the detail will be at a very high-level. The Chair noted that correspondence has been sent to all SDOs reminding them of the schedule for submission of Letters of Conveyance and Declarations of Self Consistency to ITU-R as soon as possible.

- WG5 Co-Chair, Ed Tiedemann (QUALCOMM), noted the following WG5 status of activities: The WG met today and has now discussed all contributions but no conclusions have been reached. The discussions now also include the option of harmonization of the framework proposals.

- A contribution on 1xEV-DV harmonization (C00-20010918-023) was presented by Alltel, Bell Mobility, Qwest Wireless, and Sprint PCS. This contribution made several recommendations that should be used as the basis for framework harmonization activities. It also compared these recommendations to those made by Ericsson in a previous contribution (C00-20010918-007). This contribution was noted as FYI for the Plenary.

1   •   The following motion was made by Samsung: "TSG-C adopt the L3NQS physical
2   layer framework proposal (C50-20010611-009 (Physical Layer), C50-20010709-
3   027 (Signaling), and C50-20010709-028 (LAC/MAC)) as the framework for
4   Forward Link operation of 1xEV-DV and that WG5 support the ITU submissions upon
5   the agreed upon schedule based on this framework. WG5 will also evaluate as
6   component technologies any features from the other proposals that enhance system
7   capability. In addition, 64 QAM will be investigated as an addition to the framework
8   selection as an option for both the base station and the mobile. Further, WG5 will
9   investigate the feasibility of CDM operation during the shortest frame size transmission
10   based on the L3NQS forward link operation." The motion was seconded by Qwest
11   Wireless. The results of a roll call vote were as summarized below:

12   •   YES   27

13   •   NO   12

14   •   ABSTAINS   8

15   The vote was valid but failed to meet the 71% majority requirement (69% of the vote
16   cast YES or NO were YES votes). Thus, the motion did not pass.

17   •   The following motion was made by Nokia: "TSG-C direct WG5 to develop a
18   harmonized 1xEV-DV proposal taking CDMA2000 physical layer as the baseline and
19   using input from both 1xEV-DV framework proposals and the component proposals
20   with the directive to complete the work within the previously committed TSG-C
21   schedule for 1xEV-DV development and with the goal of defining the selected
22   framework by the closing Plenary on Friday 21 September 2001." The motion was
23   seconded by Motorola. The results of a roll call vote were as summarized below:

24   •   YES   20

25   •   NO   11

26   •   ABSTAINS   14

27   The vote was valid but did not meet the 71% majority requirement (65% of the vote
28   cast YES or NO were YES votes). Thus, the motion failed.

29   •   The Chair then directed WG5 to continue their discussions in an attempt to achieve
30   consensus on their framework recommendations to the Plenary.

31   This session was recessed on 21 September 2001 at 12:58 AM US central time.

32

33   **<u>INTERIM PLENARY #3</u>**

34   The meeting was reconvened on 21 September 2001 at 9:45 PM US central time.

35   The Secretary confirmed quorum for this call. A roll call of companies indicated that 41 companies
36   included on the list of 44 active members were present and thus quorum was established (93%
37   participation).

1 8.   OLD BUSINESS (continued): None.

2 •   WG5 REPORT: The WG5 report (verbal) was presented by the WG5 Co-Chair, Ed
3   Tiedemann (QUALCOMM), as FYI.

4   •   WG5 has achieved some consensus on many items but the biggest issue of
5   disagreement was regarding TDM/CDM inclusion.

6   •   There was also no consensus on the 1xEV-DV framework proposal.

7   •   Motorola made the following motion: "TSG-C shall adopt a modified version of the
8   L3NQS framework proposal (C50-20010611-009 - Physical Layer) as the
9   framework for Forward Link operation of 1xEV-DV. This framework shall include the
10   following modifications:

11   •   TDM/CDM (per either of the methods described in C50-20010917-028),

12   •   allowing for mobiles supporting a fixed 2.5 ms frame duration,

13   •   include a 6144 bit encoder packet size,

14   •   support control channels for at least 3 CDM users, and

15   •   include 64 QAM as an option

16   and WG5 shall support the ITU submissions upon the agreed upon schedule based on
17   this framework. WG5 will also evaluate as component technologies any features from
18   the other proposals that enhance system capability. The development process will
19   continue to conform to the time table committed by the TSG-C Plenary for 1xEV-DV
20   ballot ready text." The motion was seconded by TI. The results of a roll call vote were
21   as summarized below:

22   •   YES   14

23   •   NO   23

24   •   ABSTAINS   10

25   The vote was valid but did not meet the 71% majority requirement (36% of the vote
26   cast YES or NO were YES votes). Thus, the motion failed.

27   •   LSI made the following motion: "TSG-C adopts the L3NQS physical layer framework
28   proposal (C50-20010611-009 (Physical Layer)) as the framework for Forward Link
29   operation of 1xEV-DV and that WG5 support the ITU submissions upon the agreed
30   upon schedule based on this framework. WG5 will also evaluate as component
31   technologies any features from the other proposals that enhance system capability. In
32   addition, 64 QAM will be investigated as an addition to the framework selection as an
33   option for both the base station and the mobile. Further, WG5 shall include a variable
34   length CDM format that provides performance enhancements. The development
35   process will continue to conform to the time table committed by the TSG-C Plenary for
36   1xEV-DV ballot ready text." The motion was seconded by Samsung. The results of a
37   roll call vote were as summarized below:

1	•	YES	22
2	•	NO	14
3	•	ABSTAINS	9

4 The vote was valid but did not meet the 71% majority requirement (61% of the vote
5 cast YES or NO were YES votes). Thus, the motion failed.

6 • The Chair then directed the following:

7 • WG5 will continue their discussions in an attempt to achieve consensus on their
8 framework.

9 • All groups were directed to recess instead of adjourning so that the meetings
10 could be considered.

11 • The Secretary was directed to investigate options for facilitating a secret ballot
12 on future conference calls.

13 • A cooling off period until Wednesday was directed for all groups.

14 • WG5 meeting will be reconvened by conference call on Wednesday 26
15 September 2001 during the period of 2:00 PM to 5:00 PM US central time..

16 • The Plenary will be reconvened by conference call on Wednesday 26
17 September 2001 during the period of 5:00 PM to 7:00 PM US central time.

18 • The previously scheduled WG1 meeting will still be held by conference call on
19 Wednesday 26 September 2001 during the period of 7:00 PM to 9:00 PM US
20 central time.

21 • The previously scheduled WG3 meeting will still be held by conference call on
22 Thursday 27 September 2001 during the period of 6:00 PM to 7:00 PM US
23 central time.

24 • The previously scheduled Plenary meeting will still be held by conference call on
25 Thursday 27 September 2001 during the period of 7:00 PM to 9:00 PM US
26 central time.

27 This session was recessed on 22 September 2001 at 2:25 AM US central time.

28

29 **<u>CLOSING PLENARY</u>**

30 The meeting was reconvened on 26 September 2001 at 6:05 PM US central time.

31 The Secretary confirmed quorum for this call. A roll call of companies indicated that 35 companies
32 included on the list of 44 active members were present and thus quorum was established (80%
33 participation).

1 The Chair noted that, due to the fact that this meeting was extended beyond the initially scheduled dates
2 noted on the original meeting notice and based on the ruling of the 3GPP2 SC Chair and 3GPP2
3 Secretariat that was distributed on the TSG-C e-mail exploder, no motions or votes will be allowed
4 during this session. The Secretariat noted the following options:

5 •   The motion/vote can be delayed until the next properly scheduled meeting.

6 •   The Plenary can decide by consensus to release a vote by correspondence based on a 14-day
7   voting period (3GPP2 WPD Article 27).

8 9.   OLD BUSINESS:

9 •   WG5 REPORT: The WG5 report (verbal) was presented by the WG5 Co-Chair, BK Yi
10   (LGE), as FYI.

11   •   No further attempts were made to achieve consensus on the framework selection.

12   •   RL AdHoc and Voice RL AdHoc reports were reviewed.

13   •   Tentatively set the following conference call schedules:

14   •   RL and Voice RL AdHoc calls will be held back-to-back on 9 October 2001
15   and, if necessary, on 11 October 2001.

16   •   WG5 conference calls will be held on 8 October 2001 and 10 October 2001.
17   WG5 will primarily discuss component technologies on these calls.

18   Specific times and call-in details for these calls will be broadcast on the appropriate
19   3GPP2 e-mail exploders.

20 •   WG3 REPORT: The WG5 report (verbal) was presented by the WG3 Co-Chair, Yu-Cheun
21   Jou (QUALCOMM), as FYI. The proposed RSPC submission was approved at this
22   conference call.

23   The proposed RSPC submission (C00-20010918-121) was presented. Representatives of
24   both ARIB and TIA indicated that they would be forwarding the required letters of conveyance.
25   The Chair indicated that he would forward this contribution to all SDOs as FYI.

26 •   A contribution on a proposal for 1xEV-DV submission to ITU-R (C00-20010918-120) was
27   presented by CWTS.

28 •   WG1 Chair, Phil Brown (Ericsson), noted that a WG1 conference call would be held on the
29   same conference bridge to approve the SMS update specification for submission as baseline
30   text at the opening Plenary in Cheju. All TSG-C participants were encouraged to review the
31   SMS specification (available in the WG1 folder on the 3GPP2 ftp website
32   (ftp://ftp.3gpp2.org/TSGC/Working/TSG-C_0109/).

1 • Sprint PCS proposed the following for vote by correspondence based on minor modifications
2   to the LSI motion on 21 September 2001: "TSG-C adopts the L3NQS physical layer
3   framework proposal (C50-20010611-009 (Physical Layer)) as the framework for Forward
4   Link operation of 1xEV-DV and that WG5 support the ITU submissions upon the agreed upon
5   schedule based on this framework. WG5 will also evaluate as component technologies any
6   features from the other proposals that enhance system capability. In addition, 64 QAM will be
7   investigated as an addition to the framework selection as an option for both the base station and
8   the mobile. Further, WG5 shall include a variable length CDM format. The development
9   process will continue to conform to the time table committed by the TSG-C Plenary for
10   1xEV-DV ballot ready text." LinkAir and TI declared their opposition to the proposal.

11 • LSI proposed the text of their motion from 21 September 2001 without modification for vote
12   by correspondence as follows: "TSG-C adopts the L3NQS physical layer framework proposal
13   (C50-20010611-009 (Physical Layer)) as the framework for Forward Link operation of
14   1xEV-DV and that WG5 support the ITU submissions upon the agreed upon schedule based
15   on this framework. WG5 will also evaluate as component technologies any features from the
16   other proposals that enhance system capability. In addition, 64 QAM will be investigated as an
17   addition to the framework selection as an option for both the base station and the mobile.
18   Further, WG5 shall include a variable length CDM format that provides performance
19   enhancements. The development process will continue to conform to the time table committed
20   by the TSG-C Plenary for 1xEV-DV ballot ready text." After some discussion and a
21   modification to the Sprint PCS proposal, LSI withdrew this proposal.

22 • LinkAir and TI indicated that their objections to the Sprint PCS proposal were not against
23   sending the proposal out for the vote by correspondence. As such, the Chair declared general
24   consensus for the proposal to be forwarded to the 3GPP2 Secretariat for vote by
25   correspondence.

26 • There were no objections to making the results of the vote on the Sprint PCS proposal to be
27   open (i.e., the vote will not be a secret ballot).

28 • The Secretariat indicated the following:

29   • Per the 3GPP2 WPD rules, the companies eligible to vote on this proposal will be
30   determined based on the voting list from the close of this Plenary meeting.

31   • The proposal will be broadcast on 27 September 2001 to the official primary or
32   alternate voting member of the eligible companies with a request that the 3GPP2
33   Coordinator (Vicky Bosserman) be notified that the proposal has been received. Vicky
34   will then follow-up by phone with companies for which no voting member has
35   responded.

36   • Also on 27 September 2001, the precise vote by correspondence process will also be
37   documented by the 3GPP2 Secretariat and broadcast on the TSG-C exploder.

38   • The vote on the proposal will be accepted only from the official primary or alternate
39   voting member of the eligible company and must be received by the 3GPP2 Secretariat
40   on or before 11 October 2001.

1   •   The results of the vote will be tabulated by the 3GPP2 Secretariat after close of
2   business on 11 October 2001 (14 days) and reported on the following day via the
3   TSG-C e-mail exploder and a posting on the 3GPP2 website.

4 •   TI made the following statement for the record: "TI strongly urges TSG-C to pursue
5   good-faith, whole-hearted attempts to achieve a harmonized proposal. TI believes that a
6   second vote on a motion made, voted on, and which ultimately failed is not a productive next
7   step. In the interest of moving along, however, TI has withdrawn its objection to sending
8   Sprint's proposal for electronic ballot."

9   7.   NEW BUSINESS: No discussion.

10   8.   ASSIGNMENTS: None specifically identified during the meeting.

11   9.   FUTURE MEETING SCHEDULE:

15-19 October 2001	Cheju, Korea
5-9 November 2001	Raddisson Hotel in Kauai, HI
3-7 December 2001	Maui, Hawaii

13   The Chair noted that the majority of the TSG-C participant companies had indicated that they
14   would be represented at the Cheju meeting so the Cheju meeting will be held. The Chair also
15   agreed to prepare and broadcast alternate plans for the Cheju meetings so that meeting notice
16   requirements can be met in case another disruption of air transportation services occurs.

17   10.   OPEN DISCUSSION AND OTHER BUSINESS:

18   11.   ADJOURNMENT: The Plenary was adjourned on 26 September 2001 at 8:20 PM US
19   central time.

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

NUMBER	SUBJECT	SOURCE
OPENING PLENARY - 3GPP2-C00-20010918-		
000	DOCUMENT REGISTER	SECRETARY
001	AGENDA	CHAIR
002	NOT USED	
003	1xEV-DV Submission to ITU: Components	LINKAIR
004	Approval of C.S0023 v4.0	3GPP2 SECRETARIAT
005	Sync Channel Issue	ETRI, HYUNDAI, KTF, LGE, LGT, AND SAMSUNG
006	ARIB's draft Letter of Conveyance and RSPC Section 5.2.2 update	QUALCOMM JAPAN
007	Harmonized 1xEV-DV Forward Link Proposal	ERICSSON
INTERIM PLENARY #1 - 3GPP2-C00-20010918-		
INTERIM PLENARY #2 - 3GPP2-C00-20010918-		
020	Sync Channel Issue	MOTOROLA
021	C.S0024 v3.0 1xEV-DO	WG3
022	C.S0002-A v6.0 CDMA2000 Release A Physical Layer	WG3
023	1xEV-DV harmonization	ALLTEL, BELL MOBILITY, QWEST WIRELESS, AND SPRINT PCS
024	Some considerations for Sync Channel Issue	ETRI, SAMSUNG, LGT, LGE, HYUNDAI, AND KT FREETEL
INTERIM PLENARY #3 - 3GPP2-C00-20010918-		
107	1xEV-DV harmonization proposal	MOTOROLA
WG1 - APPLICATION SERVICES - 3GPP2-C10-20010918-		
SWG1.1 - VOICE SERVICES- 3GPP2-C11-20010918-		
SWG1.2 - VIDEO SERVICES - 3GPP2-C12-20010918-		
SWG1.3 - DATA SERVICES - 3GPP2-C13-20010918-		

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SWG1.4 - ANCILLARY SERVICES AND MS INTERFACES - 3GPP2-C14-20010918-		
SWG1.5 - WORKPLAN - 3GPP2-C15-20010918-		
SWG1.6 - LOCATION SERVICES - 3GPP2-C16-20010918-		
WG2 - SIGNALING AND PROTOCOL - 3GPP2-C20-20010918-		
001		
002		
003		
004		
005		
006		
007		
008		
009		
010		
011		
012		
SWG2.1 - MAC - 3GPP2-C21-20010918-		
SWG2.2 - LAC - 3GPP2-C22-20010918-		
SWG2.3 - L3 SIGNALING - 3GPP2-C23-20010918-		
001	Agenda	CHAIR
002		
SWG2.4 - ANALOG - 3GPP2-C24-20010918-		
001	Agenda	CHAIR
002		
SWG2.5 - 1xEV-DO - 3GPP2-C25-20010918-		
001	Agenda	CHAIR
002		
WG3 - PHYSICAL LAYER - 3GPP2-C30-20010918-		
001	Agenda	CHAIR

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002		
WG4 - PERFORMANCE - 3GPP2-C40-20010918-		
001		
002		
WG4.1 - PHYSICAL PERFORMANCE - 3GPP2-C41-20010918-		
SWG4.2 - SIGNALING CONFORMANCE - 3GPP2-C42-20010918-		
001		
002		
SWG4.3 - LOCATION TEST - 3GPP2-C43-20010918-		
001	Meeting Agenda	CHAIR
002		
WG5 - TECHNOLOGY ASSESSMENT - 3GPP2-C50-20010918-		
001	Meeting Agenda	CHAIR
002		
CLOSING PLENARY - 3GPP2-C00-20010918-		
101	WG1 Report (no report)	WG1
102	WG2 Report (no report)	WG2
103	WG3 Report (verbal report)	WG3
104	WG4 Report (no report)	WG4
105	WG5 Report (verbal report)	WG5
106	WG6 Report (no report)	V&V
120	Proposal for 1xEV-DV Submission to ITU-R	CWTS
121	1xEV-DV RSPC Update Submission	WG3

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1   <u>**STATUS OF SPECIFICATIONS AND REPORTS BEING DEVELOPED BY TSG-C**</u>

REFERENCE		TITLE	STATUS
3GPP2	**TIA**		
C.S0001-0 v3.0		cdma2000 Introduction Release 0 Addendum	Published.
C.S0002-0 v3.0		cdma2000 Physical Layer Release 0 Addendum	SDO ballot resolution
C.S0003-0 v3.0		cdma2000 MAC Release 0 Addendum	SDO ballot resolution
C.S0004-0 v3.0		cdma2000 LAC Release 0 Addendum	SDO ballot resolution
C.S0005-0 v3.0		cdma2000 Layer 3 Signaling Release 0 Addendum	SDO ballot resolution
C.S0006-0 v3.0		cdma2000 Analog Release 0 Addendum	SDO ballot resolution
C.S0001-A v5.0		cdma2000 Introduction Release A Addendum	Published for SDO ballot.
C.S0002-A v5.0		cdma2000 Physical Layer Release A Addendum	Published for SDO ballot.
C.S0003-A v5.0		cdma2000 MAC Release A Addendum	Published for SDO ballot.
C.S0004-A v5.0		cdma2000 LAC Release A Addendum	Published for SDO ballot.
C.S0005-A v5.0		cdma2000 Layer 3 Signaling Release A Addendum	Published for SDO ballot.
C.S0006-A v5.0		cdma2000 Analog Release A Addendum	Published for SDO ballot.
C.P0001-B		cdma2000 Introduction Release B	V&V
C.P0002-B		cdma2000 Physical Layer Release B	V&V
C.P0003-B		cdma2000 MAC Release B	V&V
C.P0004-B		cdma2000 LAC Release B	V&V
C.P0005-B		cdma2000 Layer 3 Signaling Release B	V&V
C.P0006-B		cdma2000 Analog Release B	V&V
C.P9007		Video Streaming Service	V&V
C.P9008		Video Conferencing Service	In development
C.P9015		Test Application Specification for 1xEV-DO	V&V
C.P9016		Video Conference - circuit based	In development
C.P9017		PDE Simulator Messages Specification	In development
C.S0014-0-3	IS-127-3	EVRC with TTY fixes Addendum 3	SDO ballot resolution
C.S0015-A	IS-637-B	SMS	In development
C.S0020-0-2	IS-733-2	13kbps vocoder with TTY fixes Addendum 3	SDO ballot resolution
C.S0022-0-1	IS-801-1	Position Determination Services Addendum v1	Published.
C.S0023-0-1	IS-820-1	R-UIM	TIA ballot resolution
C.S0024		1xEV-DO v3.0	SDO review and comment
C.S0028		TTY Minimum Performance Specification.	Published for SDO ballot.
C.S0029	IS-898	Test Application Specification for 1xEV-DO v2.0	SDO ballot resolution.
C.S0030	IS-893	SMV (Selectable Mode Vocoder) Algorithm Description	SDO ballot resolution.
C.S0031		Signaling Conformance Test v1.0	SDO ballot resolution.
C.S0032		Access Network Minimum Performance for 1xEV-DO	V&V
C.S0033		Access Terminal Minimum Performance for 1xEV-DO	V&V
C.S0034		SMV Minimum Performance Specification	V&V

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3GPP2 QUORUM ROLL CALL

TSG-C (cdma2000)

September 26, 2001

COMPANY	Attendance 09/18/2001	Attendance 09/19/2001	Attendance 09/20/2001	Attendance 09/21/2001	Attendance 09/26/2001	Consecutive Mtgs Missed	Quorum Status at Mtg Start
ADVANTEST	1	1	1	1		0	1
AGILENT TECHNOLOGIES						0	1
AIRVANA	1	1	1	1		1	1
ALLTEL	1	1	1	1	1	0	1
ARRAYCOMM	1	1	1	1	1	0	0
BELL MOBILITY	1	1	1	1	1	0	1
CAMBIA NETWORKS	1	1	1	1		0	0
COM DEV WIRELESS						0	0
COMMWORKS	1	1	1	1	1	0	1
COMVERSE	1		1	1		0	1
CONEXANT						3	**0**
DENSO	1	1	1	1	1	0	1
DOCOMO US LABORATORIES	1	1	1	1	1	0	1
ERICSSON	1	1	1	1	1	0	1
ETRI	1	1	1	1		0	0
FRANCE TELECOM	1	1	1	1	1	0	1
FUJITSU	1	1	1	1	1	0	1
GEMPLUS						0	1
HITACHI	1	1	1	1	1	0	1
HYUNDAI	1	1	1	1		0	0
KDDI	1	1	1	1	1	0	1
KT FREETEL	1	1	1	1	1	0	1
KYOCERA	1	1	1	1	1	0	1
LCC INTERNATIONAL						3	**0**
LG ELECTRONICS	1	1	1	1	1	0	1
LG TELECOM	1	1	1	1	1	0	1
LINKAIR	1	1	1	1	1	0	1
LSI LOGIC	1	1	1	1	1	0	1
LUCENT	1	1	1	1	1	0	1
MATSUSHITA/PANASONIC	1	1	1	1	1	0	1
MITSUBISHI ELECTRIC						3	**0**
MOTOROLA	1	1	1	1	1	0	1
NEC	1	1	1	1	1	0	1
NEXTEL		1	1	1	1	1	1
NOKIA	1	1	1	1	1	0	1
NORTEL NETWORKS	1	1	1	1	1	0	1
OKI NETWORK TECHNOLOGIES						3	**0**
PHILIPS	1	1	1	1	1	2	1
PRAIRIECOMM	1	1	1	1	1	0	1
QUALCOMM	1	1	1	1	1	0	1
QUICKSILVER				1		2	1
QWEST WIRELESS	1	1	1	1		0	1
SAMSUNG	1	1	1	1	1	0	1
SCHLUMBERGERSEMA			1	1		0	0
SEROME TECHNOLOGY	1	1	1	1		0	0
SIEMENS	1	1	1	1		0	1
SIERRA WIRELESS	1	1	1	1	1	0	1
SIRF TECHNOLOGY	1	1	1	1		0	1
SK TELECOM	1	1	1	1	1	0	1
SONY						3	**0**
SORRENTO TELECOM	1	1	1	1		0	0
SPIRENT COMMUNICATIONS			1			0	1
SPRINT PCS	1	1	1	1	1	0	1
TANTIVY COMMUNICATIONS	1	1	1	1	1	0	1
TEXAS INSTRUMENTS	1	1	1	1	1	0	1
TOSHIBA	1	1	1	1	1	0	1
VERIZON WIRELESS	1	1	1	1	1	0	1
WINPHORIA NETWORKS						3	**0**
TOTALS	**39**	**39**	**41**	**41**	**35**		**44**
QUORUM CALCULATION	**89%**	**89%**	**93%**	**93%**	**80%**		

ADDITIONS

LEAP WIRELESS	1	1					

OBSERVERS AND GUESTS

CDG		1	1	1	1		
3GPP2 SECRETARIAT					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