DRAFT SUMMARY O	F 3GPP2 TSG-C MEETINGS
for 13-17 May 200	2 in Newport Beach, CA
Source:	
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Abstract:	

17 **Recommendation:**

18 Review and adopt.

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20 Notice:

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- 1 During the period of 13-17 May 2002, 3GPP2 TSG-C meetings were held at The Sutton Place Hotel
- 2 in Newport Beach, CA. This document is intended to summarize those proceedings.
- 3

4 **OPENING PLENARY**

- CALL TO ORDER AND OPENING REMARKS: The meeting was called to order at
 10:25 AM local time on 13 May 2002 by TSG-C Chair, Jean Alphonse (Lucent).
- The Chair stated that the primary objective for this week was to make substantial progress on
 the resolution of all SDO comments for publication of cdma2000 Release C and to complete
 the cdma2000 Release A point release with the Sync Channel resolution.
- ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of companies indicated
 that 25 companies included on the list of 36 active members were present and thus quorum was
 established (69% participation).
- 13 The Secretary noted that the following proxies had been received:

COMPANY	PROXY ASSIGNEE
LG TELECOM	LGE

- INTRODUCTION AND NUMBERING OF CONTRIBUTIONS: Contributions were
 loaded onto the 3GPP2 network server and listed in the document register (C00-20020513-000R1).
- AGENDA APPROVAL: The proposed agenda (C00-20020513-001R1) was presented.
 DECISION: This agenda was approved without objection as submitted.
- ASSIGNMENTS OF CONTRIBUTIONS TO AGENDA ITEMS: Contributions were
 assigned to agenda items as noted on the agenda.
- APPROVAL OF PREVIOUS MEETING SUMMARY: The meeting summary of the
 April 2002 meeting in Alexandria, VA (C00-20020513-002) was presented. DECISION:
 This meeting summary was approved without objection as submitted.
- E-mail correspondence dated 9 May 2002 regarding a request for TSG-C meeting report
 amendment (C00-20020513-035) was presented from the 3GPP2 Secretariat. This
- 27 correspondence recommended a modification to the direction given by the TSG-C Chair at the
- Alexandria meeting, after consultation with the 3GPP2 Secretariat, regarding the TSG required actions to an SC remand.

1 2		DECISION: The revised statement of TSG options to SC remands should be as indicated below:
3 4 5 6 7 8		Since the SC Chair is responsible for the overall management of the coordination work within 3GPP2, remanded actions from the SC cannot be ignored. These remands must, however, be managed within the context of the other items on the TSGs workplan, since a TSG has overall authority over its technical work. In cases of conflict, the SC can be requested to reconsider its remand. Responses to the Steering Committee include, but are not limited to:
9		• The TSG will comply.
10 11		• The TSG cannot comply with the letter of the remand based on other responsibilities but will comply to our best ability.
12		• The TSG cannot comply with the remand at all based on other responsibilities.
13 14		This definition of TSG options regarding SC remands will be used by the TSG for all future activities.
15	7.	CORRESPONDENCE:
16 17 18 19 20 21		 The Sync Channel AdHoc Report (C00-20020513-017) was presented by the SC Sync Channel AdHoc Chair, Akira Matsunaga (KDDI). ACTION: WG2 and WG3 were reminded that the cdma2000 Release A point release that includes the Sync Channel must be available by the closing Plenary for approval for SDO review and comment. There was no consensus on the Synch Channel discussion and the TSG-C Chair followed through on the previously agreed remand from the SC.
22 23 24		• Correspondence dated 25 April 2002 regarding TSG-S approved worksheets (C00-20020513-003) was presented from the PMT Coordinator. This contribution was considered to be FYI for the TSG.
25 26 27		• E-mail correspondence dated 25 April 2002 regarding adoption of Work Items (C00-20020513-004) was presented from the PMT Coordinator. This contribution was considered to be FYI for the TSG.
28 29 30 31		• E-mail correspondence dated 24 April 2002 regarding the review and approval of C.S0030-0 v1.0 and v2.0, C.S0037-0 v1.0, and C.S0038-0 v1.0 (C00-20020513-005) was presented from the 3GPP2 Secretariat. This contribution was considered to be FYI for the TSG.
32 33 34		• E-mail correspondence dated 25 April 2002 regarding review of C.S0001-B v1.0 through C.S0006-B v1.0 (C00-20020513-006) was presented from the 3GPP2 Secretariat. This contribution was considered to be FYI for the TSG.
35 36 37		• E-mail correspondence dated 25 April 2002 regarding SC review work items for approval (C00-20020513-007) was presented from the 3GPP2 Secretariat. This contribution was considered to be FYI for the TSG.

1 2 3	•	E-mail correspondence dated 30 April 2002 entitled Review closed: IP Core Network Harmonization Workshop (C00-20020513-008) was presented from the 3GPP2 SC Chair. This contribution was considered to be FYI for the TSG.
4 5 6	•	E-mail correspondence dated 1 May 2002 entitled IP Workshop Recommendations (C00-20020513-009) was presented from the 3GPP2 SC Chair. This contribution was considered to be FYI for the TSG.
7 8 9 10 11	•	The new procedure for dealing with requests for information from non-members (C00-20020513-010) was presented from the 3GPP2 Secretariat. DECISION: The proposed process by the 3GPP2 Secretariat was deemed not acceptable to the TSG because it took up too much TSG work time. ACTION: The Secretary was requested to propose a revised process to the 3GPP2 Secretary.
12 13 14 15	•	Correspondence dated 7 May 2002 regarding Review and Comment on 3GPP2 Work Plan Dates, Documents, and Dependencies (C00-20020513-011) was presented from the TSG-S PMT Chair. ACTION: This contribution was remanded to WG1 for review and comment as appropriate.
16 17 18 19	•	Report from Equipment Numbering JEM in Brussels during the period of 23-24 April 2002 (C00-20020513-012) was presented from the TSG-S Equipment Numbering AdHoc Chair. ACTION: This contribution was remanded to WG1, WG2, and WG3 for review and comment as appropriate.
20 21 22 23	•	A contribution regarding an expeditious resolution of cdma2000 Release C ballot comments (C00-20020513-013) was presented by Motorola on behalf of 10 other co-contributors. Action on this contribution was deferred until an interim Plenary scheduled for Wednesday 13 May 2002 at 5:30 PM local time.
24 25 26	•	A contribution on Revision C ballot resolution strategy (C00-20020513-014) was presented by Lucent. Action on this contribution was deferred until an interim Plenary scheduled for Wednesday 13 May 2002 at 5:30 PM local time.
27 28 29 30	•	A contribution requesting a work item for the addition of the MMDS Band Class to cdma2000 (C00-20020513-015) was presented by Lucent. ACTION: This contribution was remanded to WG1 and WG3 for review and action as appropriate.
31 32	•	Request to rescind the Ballot for the HSG Service Option (C00-20020513-016) was presented by Lucent. The contribution was deferred until closing Plenary.
33 34 35	•	A contribution on handling cdma2000 Rev C ballot comments (C00-20020513-018) was presented by QUALCOMM. The contribution was previously discussed in the TR45.5 Plenary and, as such, it was noted as FYI for the TSG.
36 37 38	•	A contribution on Principles and Practice of Harmonized Requirements Development Process (C00-20020513-019) was presented by QUALCOMM. The contribution was deferred until closing Plenary.

1 2 3 4		•	An updated Release B/Release C milestone schedule (C00-20020513-031) was presented by the Secretary. The only update noted was the correction of the interim Plenary date from 29 May 2002 to 28 May 2002. This contribution was considered FYI for TSG.
5 6 7 8		•	A listing of questions from non-members (C00-20020513-034) was presented from the 3GPP2 Secretariat. Based on the previous rejection of the process for handling questions from non-members (C00-20020513-010), this contribution was considered FYI for the TSG.
9	8.	LIAIS	ON REPORTS:
10		•	Contribution (C00-20020513-030) was withdrawn.
11 12 13 14		•	E-mail correspondence dated 19 April 2002 regarding remanded contributions from the SC related to TR45 activities (C00-20020513-036) was presented from the 3GPP2 SC Chair. ACTION: This contribution was remanded to WG1, WG2, and WG3 for review and action as appropriate.
15		•	TSG-A: Contributions related to TSG-A included the following:
16 17 18 19			 Correspondence dated 19 April 2002 regarding TSG-A pointer to TSG-C FPC reference (C00-20020513-023) was presented from the TSG-A. ACTION: This contribution was remanded to WG4 for review and action as appropriate.
20 21 22 23			 Correspondence dated 19 April 2002 to all TSGs regarding Stage 1 for Secure Mode OTA (C00-20020513-024) was presented from the TSG-A. ACTION: This contribution was remanded to WG1 for review and action as appropriate.
24 25 26 27			 Correspondence dated 15 April 2002 regarding questions related to Broadcast and Multicast (C00-20020513-025) was presented from the TSG-A. ACTION: This contribution was remanded to WG1 for review and action as appropriate.
28 29 30 31			• Correspondence dated 15 March 2002 regarding the origination of Multiple Service Instances in connection with dormant handoffs (C00-20020513-032) was presented from the TSG-A. ACTION: This contribution was remanded to WG1 for review and action as appropriate.
32		•	TSG-N: Contributions related to TSG-N included the following:
33 34 35			• Correspondence dated 19 April 2002 regarding joint work with ETSI/3GPP/Parlay Joint API Working Group (C00-20020513-027) was presented from the TSG-N. This contribution was noted as FYI for the TSG.
36 37 38			• Correspondence dated 19 April 2002 to the SC Chair regarding OHG IP Core Network Harmonization Workshop Output (C00-20020513-028) was presented from the TSG-N. This contribution was noted as FYI for the TSG.

1 2 3	• Correspondence dated 19 April 2002 to TSG-S regarding the new Priority Service (PS) worksheet (C00-20020513-029) was presented from the TSG-N. This contribution was noted as FYI for the TSG.
4	 TSG-S: Contributions related to TSG-S included the following:
5 6 7 8	• Correspondence dated 7 May 2002 regarding review and comment on 3GPP2 Work Plan Dates, Documents, and Dependencies (C00-20020513-011) was presented from the TSG-S PMT Chair. ACTION: This contribution was remanded to WG1 for review and action as appropriate.
9 10 11	 TSG-S Correspondence dated 18 April 2002 regarding TSG-P requested NAM changes (C00-20020513-022) was presented from TSG-S. ACTION: This contribution was remanded to WG1 as FYI.
12	• TSG-P: Contributions related to TSG-P included the following:
13 14 15	 Correspondence dated 19 April 2002 to TSG-A and TSG-N regarding QoS support in the IOS (C00-20020513-026) was presented from TSG-P. ACTION: This contribution was remanded to WG1 as FYI.
16 17 18	• Correspondence to TSG-S dated 19 April 2002 regarding TSG-P's comments on the LMSD Step -1 (C00-20020513-033) was presented from TSG-P. This contribution was noted as FYI for the TSG.
19	9. WORKING GROUP REPORTS:
20 21	• WG2 interim meeting summary (C00-20020513-020) was presented by WG2 Chair, Orlett Pearson (Lucent), as FYI:
22 23 24	 Correspondence to TSG-S regarding Fast Call Setup Stage 1 (C00-20020513-021) was presented. DECISION: This contribution was approved without objection for transmission.
25	This session was recessed on 13 May 2002 at 3:50 PM local time.
26	
27	INTERIM PLENARY
28	The meeting was reconvened on 15 May 2002 at 6:20 PM local time.
-0	

29 Quorum had been established at the opening Plenary and was not challenged. Six (6) additional

30 member companies on the active roster were noted in attendance.

1	10.	OLD BUSINESS:
2 3 4 5		• The Chair noted that an update to a contribution that was discussed in TR45.5 regarding handling cdma2000 Rev C ballot comments (C00-20020513-018R1) was available on the server. Action on this contribution was deferred until the closing Plenary to allow participants time to review the contribution.
6 7		• A WG2 Report (C00-20020513-058) was presented by the WG2 Chair, Orlett Pearson (Lucent), as FYI.
8 9 10		• Motorola ballot comment 8 on cdma2000 Rev C could not be resolved at the WG2 and they are requesting Plenary direction in order to be able to proceed with Rev C SDO comment resolutions.
11 12 13 14 15 16 17 18 19		 WG2 prepared modifications to cdma2000 Release A text for resolution of the Sync Channel issue but could not reach 100% consensus on the recommendation for approval as baseline text. The WG2 documents were noted as follows: cdma2000 Introduction Release A v6.01 (C00-20020513-053) cdma2000 MAC Release A v6.01 (C00-20020513-054) cdma2000 LAC Release A v6.01 (C00-20020513-055) cdma2000 Signaling Release A v6.01 (C00-20020513-056) cdma2000 Analog Release A v6.01 (C00-20020513-057)
20 21 22		• The WG3 Chair, Ed Tiedemann (QUALCOMM), reported that cdma2000 Physical Layer Release A v6.01 (C00-20020513-051) was approved for recommendation as baseline text by WG3.
23 24 25		• There was no motion to made to approve the cdma2000 Release A contributions as baseline text. The Chair directed that these contributions be held open at the Plenary level to allow work on cdma2000 Release C to continue.
26 27 28		• A contribution on the Motorola technical ballot comments 8, 9, and 10 for cdma2000 Rev C (C00-20020513-050) was presented by Motorola. Action on this contribution was deferred until closing Plenary.
29 30		• The Chair initially called recess without asking if there were any other comments but the call for recess was retracted when another comment was requested.
31 32 33 34		• LGE made the motion to approve all six (6) volumes of cdma2000 Release A as baseline text. This motion was duly seconded by Samsung. However, after some dissenting discussion, Samsung subsequently withdrew their second to the motion and no other second noted. Therefore, the motion by LGE was considered invalid.
35	This s	ssion was recessed on 13 May 2002 at 7:10 PM local time.
36		
37	CLO	ING PLENARY

38 The meeting was reconvened on 17 May 2002 at 8:30 AM local time.

Quorum had been established at the opening Plenary and was not challenged. One (1) additional 1 2 member company was noted in attendance. 3 9. WORKING GROUP REPORTS (continued): 4 WG1 REPORT: The WG1 report (C00-20020513-101) was presented by the WG1 Chair, • 5 Phil Brown (Ericsson), as FYI. 6 • Decided that 3GPD (3G Packet Data) and Mobile IP support will be included as part 7 of TIA ballot resolution for C.P0023-A (R-UIM). Targeting completion in June 2002 8 and a TIA re-ballot is likely. 9 • Continued discussion of proposed content and schedule for Rev. D of the cdma2000 10 core air interface specifications. 11 **DECISION:** Assignment of project numbers were approved without objection for the 12 following items: • **Develop a new specification for IOTA-HCM capability** 13 14 **Develop a new specification for ME-UIM Interface Testing** • 15 • **Revise the SMS specification (C.P0015-B) Revise the OTASP specification (C.P0016-B)** 16 • 17 **ACTION:** The Chair has been requested to schedule WG1 meeting time immediately preceding the opening Plenary in Shenzhen to consider adoption of baseline text for 18 19 **C.P0016-B OTASP.** 20 **DECISION:** Correspondence to TSG-A in response to their query on identification of 21 a main service instances (C00-20020513-111) was approved without objection for 22 transmission with the addition of TSG-P to the distribution list. This contribution was a 23 duplicate of C00-20020513-106 and, as such, 106 was withdrawn. 24 **DECISION:** Correspondence to TSG-S regarding both responses to Subscribed Rate 25 Capability issues and a request for a joint meeting July 2002 (C00-20020513-112) was approved without objection for transmission. 26 27 **DECISION:** Correspondence to the G95 group for GSM UIM activity regarding C-PDS in Foreign Mode (C00-20020513-113) was approved without objection for 28 transmission to the 3GPP2 SC Chair. 29 30 **DECISION:** Correspondence to CWTS requesting an active liaison for ancillary 31 services (C00-20020513-114) was approved without objection for transmission to the 32 **3GPP2 SC Chair.** 33 **DECISION:** Correspondence to TSG-S regarding the IOTA Stage 1 document 34 (C00-20020513-115) was approved without objection for transmission. 35 DECISION: Correspondence to the 3GPP2 SC Chair regarding disclosure of UIM ID 36 Assignments (C00-20020513-116R1) was approved without objection for transmission.

1 2 3	DECISION: Correspondence to TSG-A regarding issues associated with Broadcast-Multicast development status (C00-20020513-117) was approved without objection for transmission.
4 • 5	WG2 REPORT: The WG2 report (C00-20020513-102) was presented by the WG2 Chair, Orlett Pearson (Lucent), as FYI.
6 7	• Continued review of cdma2000 Release C ballot comments and noted the following status:
8	• SWG2.1 13 comments pending
9	• SWG2.2 15 comments pending - on schedule
10	• SWG2.3 64 comments
11 12	• Noted that only SWG2.3 was the only group affected by the cdma2000 Release A point release activities.
13	• WG2 still needs Plenary direction on Motorola ballot comment 8 today.
14 15	• Planning a substantial number of conference calls next week to complete the Release C ballot resolution work.
16 17 18 19	ACTION: The Secretary was directed to forward C00-20020415-117 and C00-20020513-003, both related to the Equipment Numbering JEM, to TSG-S and TR45 AHAG with a request that they investigate and advise any security implications of these documents.
20 21 22 23 24 25 26	A contribution on spilt P_rev that reiterated the position stated in Motorola ballot comment 8 for cdma2000 Release C (C00-20020513-122) was presented from Motorola. DECISION: This contribution was approved without objection for incorporation into cdma2000 Release C based on the underlying assumption that Release D compatible mobiles would be built to MOB_P_REV 11 and that these mobiles would support all features and functionality as defined in MOB_P_REV 9 and 10. ACTION: This contribution was remanded to WG2 for review and action as appropriate.
27 • 28	WG3 REPORT: The WG3 report (C00-20020513-103) was presented by WG3 Chair, Ed Tiedemann (QUALCOMM), as FYI.
29	• The ITU AdHoc group approved the following:
30 31	• Update of Reference Material for cdma2000 MC 1xEV-DV for ITU-R Recommendation M.1457 Section 5.2
32 33	• Letter to ITU-R: M.1457 Update for CDMA-MC - Declaration of Self Consistency
34	• Update of Roadmap for CDMA-MC
35	This update will include cdma2000 Rev B and Rev C

1 2 3 4		• Worked long hours on cdma2000 Release C resolution of TIA ballot comments. Exact status of comment resolution will be distributed on the WG3 exploder. Estimate that 33 technical comments are still open but the group has agreement in principle on a large number of those.
5 6		• Planning a substantial number of conference calls next week to complete the Release C ballot resolution work.
7 8		• Lucent noted its concern that all conference calls are being scheduled outside normal North American working hours.
9 10		• An additional WG3 conference call will also be scheduled immediately preceding the interim Plenary on 28 May 2002.
11 12		DECISION: The following ITU-R WP 8F related documents were approved without objection for distribution to all SDOs as examples of submissions that they must make:
13 14		• Update of Reference Material for cdma2000 MC 1xEV-DV for ITU-R Recommendation M.1457 Section 5.2 (C00-20020513-107R1)
15 16		• Letter to ITU-R: M.1457 Update for CDMA-MC - Declaration of Self Consistency (C00-20020513-108)
17		• Update of Roadmap for CDMA-MC (C00-20020513-109)
18 19		ACTION: The Chair will allow for scheduling of a WG3 meeting immediately preceding the 28 May 2002 interim Plenary conference call.
20 21 22 23		ACTION: The Chair will send e-mail correspondence to the other SDOs with copy to the 3GPP2 SC Chair advising them of the requirement for them to submit Letters of Conveyance that needs to be sent for those SDOs that will not have their specifications transposed in time to meet the ITU date.
24 25	•	WG4 REPORT: The WG4 report (C00-20020513-104) was presented by SWG4.2 Chair, Kurt Bantle (Spirent Communications), as FYI.
26 27		• Proposed ballot text for C.S0010-B and C.S0011-B (cdma2000 performance specs) will be ready for approval as baseline text by the June 2002 meeting.
28 29		• Work has begun on C.S0031-A Signaling Conformance Specification and baseline text is expected to be ready by the December 2002 meeting.
30		No actions required from Plenary.
31	11.	NEW BUSINESS (continued):
32 33 34		• E-mail correspondence dated 14 May 2002 regarding the approval of C.S0001-B through C.S0006-B (C00-20020513-110) was presented from the 3GPP2 Secretariat. This contribution was noted as FYI for the TSG.
35 36 37		• Correspondence dated 15 May 2002 regarding Inter-PDSN Handoff Support (C00-20020513-118) was presented from TSG-P. This contribution was noted as FYI for the TSG.

1 Correspondence dated 15 May 2002 recommending that the HSG ballot be rescinded • 2 (C00-20020513-119) was presented from TSG-P. There were no objections to this 3 action. ACTION: This contribution was remanded to TR45.5 for review and 4 action as appropriate. 5 A contribution on handling cdma2000 Release C ballot comments (C00-20020513-• 6 018R1) was presented by QUALCOMM. This contribution proposed both TSG-C 7 and TR45.5 action items for resolving Release C ballot comments including the creation 8 of a point release 2 (i.e., TR45.5 Release C Addendum 1) whose sole purpose is to 9 handle ballot comments that cannot be addressed in the current process. This 10 contribution had been previously discussed in the TR45.5 opening Plenary. 11 A plan for Release C SDO review and comment resolution (C00-20020513-106) was • 12 presented by Samsung. This contribution proposed a face-to-face meeting before the 13 interim Plenary as the best way to move forward in the ballot resolution process. This 14 contribution also proposed a new point release if all ballot comments cannot be handled 15 via normal ballot resolution processing by the 28 May 2002 date. It also proposes that 16 those comments that are not resolved and not withdrawn by the 28 May 2002 should 17 be considered at the Plenary level for final disposition. 18 A plan for Release C completion (C00-20020513-123) was presented by Motorola. • 19 This contribution proposes a schedule for the next point release if a point release is 20 deemed to be necessary by the TSG. 21 In response to a question from Ericsson regarding which of Lucent's ballot comments • 22 should be considered as the basis for their votes to disapprove the respective volumes 23 of the cdma2000 Release C specification, Lucent (Eshwar Pittampalli) indicated that all 24 of their ballot comments should be considered as that basis. Ericsson noted that this 25 statement meant that editorial comments were also being used as the basis for the vote 26 to disapprove the specification. With reference to their contribution on this subject 27 (C00-20020513-014), Lucent again offered to withdraw all of their ballot comments on 28 Release C to affect a timely release if a new point release is scheduled to handle such 29 withdrawn ballot comments and backward compatibility is not used to deny 30 consideration of such comments. 31 • Ericsson requested that the Chair instruct all WG Chairs to request all companies 32 submitted NO votes on the TIA ballots to specify which of their comments are the basis 33 for their NO votes. ACTION: The Chair instructed the WG Chairs to comply 34 with this request. 35 DECISION: After substantial discussion regarding the possibility of • 36 face-to-face meetings next week, WG3 agreed to hold extended conference calls that started earlier in the day and to attempt to prioritize the issues that 37 38 would impact on backward compatibility. The extended conference calls were 39 in lieu of face-to-face meetings next week. There was at least one (1) objection 40 from LGE to starting meeting before 7:00 AM Asian time but the Chair left the 41 conference call logistics to the discretion of the WG Chair.

1 2 3 4 5 6 7	•	Samsung made the motion that "TSG-C Plenary adopt C00-20020513-106R4 as its plan for resolving cdma2000 Release C ballot comments". The motion was seconded by Nokia. Both Lucent and QUALCOMM objected based on the included schedule for the addendum and the concerns regarding the ambiguity associated with the sentence "In principle, backward compatibility should be maintained in the point release." in that contribution. A roll call vote was requested. The results of the vote was as summarized below:
8		• YES 11
9		• NO 0
10		• ABSTAIN 18
11 12 13		Based on the fact that, from previous roll calls, 37 votes were available and the vote failed to produce greater than 50% of the available votes as for or against, the vote was deemed invalid. MOTION-0205-01.
14 15	•	AllTel requested a quorum call. The results indicated that 23 companies on the active roster of 36 companies were noted as present (64%). Thus, quorum was present.
16 17 18 19 20 21	•	Based on the fact that there were no NO votes on the previous motion, Ericsson repeated the same motion that Samsung had made previously: "TSG-C Plenary adopt C00-20020513-106R4 as its plan for resolving cdma2000 Release C ballot comments." This motion was seconded by Samsung. Lucent objected to the motion. Based on Lucent's objection to the motion, Ericsson withdrew this motion in the interest of time.
22 23	•	ACTION: The Chair directed that the following contributions were carried forward to the 28 May 2002 interim Plenary meeting:
24 25		cdma2000 Release C ballot comments (C00-20020513-018R1) as presented by QUALCOMM
26 27		• A plan for Release C SDO review and comment resolution (C00- 20020513106) presented by Samsung
28 29		• A plan for Release C completion (C00-20020513-123) presented by Motorola
30 31	•	A contribution on MMD/IMS Harmonization (C00-20020513-121) was presented by QUALCOMM. This contribution was noted as FYI for the TSG.
32 33	•	A contribution on 3GPP/3GPP2 IMS Differences (C00-20020513-120) was noted as FYI for the TSG.
34 35	•	The Chair directed that all cdma2000 Release A volumes be carried forward to the June 2002 meeting, including the following:
36		• cdma2000 Introduction Release A v6.01 (C00-20020513-053)
37		• cdma2000 Physical Layer Release A v6.01 (C00-20020513-052)
38		• cdma2000 MAC Release A v6.01 (C00-20020513-054)

1		• cdma2000 LAC Release A v6.01 (C00-20020513-055)
2		• cdma2000 Signaling Release A v6.01 (C00-20020513-056)
3		• cdma2000 Analog Release A v6.01 (C00-20020513-057)
4 5	12.	ASSIGNMENTS: Action items other than contribution remands and distribution of output documents included the following:
6 7 8		• ACTION: The Chair has been requested to schedule WG1 meeting time immediately preceding the opening Plenary in Shenzhen to consider adoption of baseline text for C.P0016-B OTASP.
9 10		• ACTION: The Chair will allow for scheduling of a WG3 meeting immediately preceding the 28 May 2002 interim Plenary conference call.
11 12 13 14		• ACTION: The Chair will send e-mail correspondence to the other SDOs with copy to the 3GPP2 SC Chair advising them of the requirement for them to submit Letters of Conveyance that needs to be sent for those SDOs that will not have their specifications transposed in time to meet the ITU date.
15	13.	OPEN DISCUSSION AND OTHER BUSINESS:

16 14. FUTURE MEETING SCHEDULE:

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Interim Plenary Conference Call
to approve cdma2000 Release C for publication
Crowne Plaza Shenzhen in Shenzhen, China
Hyatt La Jolla in San Diego, CA
DoubleTree Lloyd Center in Portland, OR

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18 15. ADJOURNMENT: The Plenary was adjourned on 17 May 2002 at 1:50 PM local time.

NUMBER	SUBJECT	SOURCE					
OPENING PLENARY - 3GPP2-C00-20020513-							
000	DOCUMENT REGISTER	SECRETARY					
001	AGENDA	CHAIR					
002	TSG-C Meeting summary - April 2002 - Alexandria, VA	SECRETARY					
003	TSG-S approved work items	3GPP2 SECRETARIAT					
004	E-mail correspondence dated 25 April 2002 regarding adoption of Work Items	3GPP2 SECRETARIAT					
005	E-mail correspondence dated 24 April 2002 regarding review of C.S0030-0 v1.0 and v2.0, C.S0037-0 v1.0, and C.S0038-0 v1.0	3GPP2 SECRETARIAT					
006	E-mail correspondence dated 25 April 2002 regarding review of C.S0001-B v1.0 through C.S0006-B v1.0	3GPP2 SECRETARIAT					
007	E-mail correspondence dated 25 April 2002 regarding SC review work items for approval	3GPP2 SECRETARIAT					
008	E-mail correspondence dated 30 April 2002 entitled Review closed: IP Core Network Harmonization Workshop	3GPP2 SC CHAIR					
009	E-mail correspondence dated 1 May 2002 entitled IP Workshop Recommendations	3GPP2 SC CHAIR					
010	New procedure for dealing with requests for information from non-members	3GPP2 SECRETARIAT					
011	Correspondence dated 7 May 2002 regarding Review and Comment on 3GPP2 Work Plan Dates, Documents, and Dependencies	TSG-S PMT CHAIR					
012	Report from Equipment Numbering JEM in Brussels April 23-24 2002	EQUIPMENT NUMBERING ADHOC CHAIR					
013	An Expeditious Resolution of cdma2000 Release C Ballot Comments	MOTOROLA, SPRINT PCS, ET AL					
014	Revision C Ballot Resolution Strategy	LUCENT					
015	Request for MMDS Band Class	LUCENT					
016	Request to rescind the Ballot for the HSG Service Option	LUCENT					
017	Sync Channel AdHoc Report	SC SYNC CHANNEL ADHOC					
018	Handling cdma2000 Rev C ballot comments	QUALCOMM					
019	Principles and Practice of Harmonized Requirements Development Process	QUALCOMM					
020	WG2 interim meeting summary	WG2					
021	Correspondence to TSG-S (RE: Fast Call Setup)	WG2					
022	Correspondence dated 18 April 2002 regarding TSG-P requested NAM changes	TSG-S					
023	Correspondence dated 19 April 2002 regarding TSG-A pointer to TSG-C FPC reference	TSG-A					
024	Correspondence dated 19 April 2002 to all TSGs regarding Stage 1 for Secure Mode OTA	TSG-A					

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

025	Correspondence dated 15 April 2002 regarding Questions Regarding Broadcast and Multicast	TSG-A	
026	Correspondence dated 19 April 2002 to TSG-A and TSG-N regarding QoS support in the IOS	TSG-P	
027	Correspondence dated 19 April 2002 regarding Joint Work with ETSI/3GPP/Parlay Joint API Working Group	TSG-N	
028	Correspondence dated 19 April 2002 to the SC Chair regarding OHG IP CN Harmonization Workshop Output	TSG-N	
029	Correspondence dated 19 April 2002 to TSG-S regarding New Priority Service (PS) worksheet	TSG-N	
030	Correspondence dated 11 May 2002 to the SC Chair regarding UIM ID Report	TR45	
031	Updated cdma2000 Release B/C milestone schedule	SECRETARY	
032	Correspondence dated 15 March 2002 regarding the origination of Multiple Service Instances in connection with dormant handoffs	TSG-A	
033	Correspondence to TSG-S dated 19 April 2002 regarding TSG-P's comments on the LMSD Step -1	TSG-P	
034	Questions from non-members	3GPP2 SECRETARIAT	
035	Request for TSG-C meeting report amendment	3GPP2 SECRETARIAT	
036	E-mail correspondence dated regarding remanded contributions from the 3GPP2 SC	3GPP2 SC CHAIR	
NTERIM PI	LENARY - 3GPP2-C00-20020513-		
050	Motorola PN-3-4697 ballot comment 8	MOTOROLA	
051	C.S0002-A cdma2000 Physical Layer - Release A v6.01	WG3	
053	C.S0001-A cdma2000 Introduction - Release A v6.01	WG2	
054	C.S0003-A cdma2000 MAC - Release A v6.01	WG2	
055	C.S0004-A cdma2000 LAC - Release A 6.01	WG2	
056	C.S0005-A cdma2000 Layer 3 Signaling - Release A v6.01	WG2	
057	C.S0006-A cdma2000 Analog - Release A v6.01	WG2	
058	WG2 Report	WG2	
<mark>VG1 - APPL</mark>	ICATION SERVICES - 3GPP2-C10-20020513-		
001	Draft Agenda	CHAIR	
002	Contribution Status	CHAIR	
003	Corr re: S.R0021 Multimedia Streaming Stage 1 (C00-20020415-124)	TSG-S	
004	Corr re: S.R0067 Enhanced Call Recovery Stage 1 (C00-20020415-125)	TSG-S	
005	Corr re: S.R0071 Legacy Packet Data Surveillance Stage 1 (C00-20020415-126)	TSG-S	
006	Corr re: S.R0072 IP Packet Data Suveillance Stage 1 (C00-20020415-127)	TSG-S	

r	r	rı		
007	Corr dated 18 April 2002 re: Stage 1 reviews (C00-20020415-129)	TSG-S		
008	Corr dated 18 April 2002 re: 1xEV-DV (C00-20020415-130)	TSG-S		
009	Corr dated 18 April 2002 re: MMS review (C00-20020415-131)	TSG-S		
010	Corr dated 18 April 2002 re: Multimedia Streaming comments (C00-20020415-132)	TSG-S		
011	Corr dated 18 April 2002 re: IOTA Stage 1 (C00-20020415-135)	TSG-S		
012	Corr dated 18 April 2002 re: updated NAM (C00-20020415-137)	TSG-S		
013	Corr dated 18 April 2002 re: Process Guidelines (C00-20020415-138)	TSG-S		
014	Corr dated 18 April 2002 re: System Release Guide (C00-20020415-139)	TSG-S		
015	Corr re: TSG-S approved Work Items (C00-20020513-003)	3GPP2 SECRETARIAT		
016	Corr re: SC adoption of Work Items (C00-20020513-004)	3GPP2 SECRETARIAT		
017	Corr dated 7 May 2002 re: Review and Comment on 3GPP2 Work Plan dates, Documents and Dependencies (C00-20020513-011)	TSG-S PMT		
018	Report from 23-24 April 2002 Equipment Numbering JEM (C00-20020513-012)	EQUIPMENT NUMBERING JEM		
019	Request for MMDS Band Class Work Item (C00-20020513-015)	LUCENT		
020	Corr re: TR-45 Report on MEID and ESN Replacement (C00-20020513-036)	SC CHAIR		
021	Corr re: Stage 1 for Secure-Mode OTA (C00-20020513-024)	TSG-A		
022	Corr re: questions on Broadcast/Multicast (C00-20020513-025)	TSG-A		
023	Corr re: Multiple Service Instances and dormant handoffs (C00-20020513-032)	TSG-A		
024	Corr re: TSG-P-requested NAM changes (C00-20020513-022)	TSG-S		
025	Corr to TSG-A and TSG-N re: QoS Support in IOS (C00-20020513-026)	TSG-P		
026	Eliminating Ambiguity for Network-initiated Dormant Reactivation of a Specific Service Instance	SAMSUNG		
101				
102				
103				
104	SWG1.4 report	SWG1.4		
105				
106	SWG1.6 report	SWG1.6		
107				
108	Proposed response to TSG-A re: Multiple Service Instances	SWG1.3 CHAIR		
109	Proposed response to TSG-S re: Subscribed Rate and request for joint meeting	RR AHG		

110	Proposed response to G95 re: C-PDS in Foreign Mode SWG1.4					
111	Proposed corr to CWTS re: liaison between TSG-C and CWTS	SWG1.4				
112	Proposed corr to TSG-S re: TSG-C comments on IOTA Stage 1 SWG1.4					
113	Proposed corr to SC Chair re: Disclosure of UIM_ID assignments	SWG1.4				
<mark>SWG1.1 - VO</mark> I	CE SERVICES- 3GPP2-C11-20020513-					
SWG1.2 - VID	EO SERVICES - 3GPP2-C12-20020513-					
<mark>SWG1.3 - DA</mark> T	TA SERVICES - 3GPP2-C13-20020513-					
<mark>SWG1.4 - ANO</mark>	CILLARY SERVICES AND MS INTERFACES - 3GPP2-C14-2002	0513-				
001	Agenda	CHAIR				
002	(Draft) Meeting Summary: April 2002 Alexandria	CHAIR				
003	Approved Meeting Summary: March 2002 Kobe	CHAIR				
004	Motorola SMS Broadcast comments	MOTOROLA				
005	ME-UIM interface test stage 2	MOTOROLA				
006	ME-UIM interface test stage 3	MOTOROLA				
007	Proposed changes to the Broadcast SMS procedure for clarification v2	QUALCOMM				
008	Supporting Multiple Mobile IP Addresses over a Single PPP Session in OTASP/OTAPA	QUALCOMM				
009	Supporting Access Authentication for HRPD in OTASP/OTAPA	QUALCOMM				
010	Correspondence from TSG-S regarding IOTA stage 1	TSG-S				
011	Report from Equipment Numbering JEM in Brussels April 23-24 2002	MEID JEM				
012	Correspondence from TSG-A regarding Stage 1 for Secure Mode OTA	TSG-A				
013	Remanded contribution from SC	SC				
014	CCAT editorial change in Annex A	GEMPLUS				
015	ME 3GPD capability parameters file	GEMPLUS				
016	CLASS and INSTRUCTION byte coding	GEMPLUS				
017	IP Authentication Command Rev.17	GEMPLUS				
018	Proposed text for 3G Key Provisioning	LUCENT				
019	Correspondence to G95 on C-PDS in Foreign Mode	CHAIR				
020	CWTS Liaison to TSG-C	CHAIR				

TSG-C Meeting Summary - 13-17 May 2002

021	Correspondence to TSG-S regarding TSG-C Comments on IOTA Stage 1	CHAIR		
022	Correspondence to SC regarding Disclosure of the UIM_ID Assignments	CHAIR		
023	ME shall initialize when an R-UIM is inserted	SLBSEMA		
024	Procedures for Removal and Insertion of an R-UIM in a Power-On ME	MOTOROLA		
5WG1.5 - WO	DRKPLAN - 3GPP2-C15-20020513-			
001	Proposed Agenda	CHAIR		
002	Corr dated 18 April 2002 re: Process Guidelines (C00-20020415-138)	TSG-S		
003	Corr re: TSG-S approved Work Items (C00-20020513-003)	3GPP2 SECRETARIAT		
004	Corr re: SC adoption of Work Items (C00-20020513-004)	3GPP2 SECRETARIAT		
005	Corr dated 7 May 2002 re: Review and Comment on 3GPP2 Work Plan dates, Documents and Dependencies (C00-20020513-011)	TSG-S		
006	Request for MMDS Band Class Work Item (C00-20020513-015)	LUCENT		
007	Corr re: questions on Broadcast/Multicast (C00-20020513-025)	TSG-A		
<mark>VG2 - SIGN</mark> A	ALING AND PROTOCOL - 3GPP2-C20-20020513-			
001	Agenda	CHAIR		
002	April Contribution Log	CHAIR		
003	Report NUM JEM Brussels	TSG-S		
004	SC Remanded contribution	SC		
005	C.S0005-A v6.01 r1	EDITOR		
006	SC Sync Channel Ad Hoc	LGE		
007	Sync Channel comments	MOTOROLA		
008	BS procedures for Release to Idle	LUCENT		
009	C.S0001-A-3	EDITOR		
010	C.S0003-A-3	EDITOR		
011	C.S0004-A-3	EDITOR		
012	C.S0005-A-3	EDITOR		
013	C.S0006-A-3	EDITOR		
014	SWG1 Ballot Summary	SWG1 CHAIR		
015	Proposed Rel. C Conference Call Schedule	WG2		
	AC - 3GPP2-C21-20020513-			
001	Draft Agenda	CHAIR		

TSG-C Meeting Summary - 13-17 May 2002

002	C21-20020513-002 Chair SWG 2.1,Meeting Summary Alexandria.doc	CHAIR	
003	C21-20020513-003 Chair,IS-2000.3-C_Ballot_Summary R3.doc	CHAIR	
004	C21-20050513-004 SWG2.3,C23-20020503-006(Summary-L3-BCs-requiring-WG3-M AC-feedback).doc	SWG 2.3	
<mark>WG2.2 - LA</mark>	C - 3GPP2-C22-20020513-		
WG2.3 - L3	SIGNALING - 3GPP2-C23-20020513-		
001	Agenda	CHAIR	
002	Meeting Summary, Alexandria, VA, April, 2002	CHAIR	
003	Contribution log	CHAIR	
004	Proposed baseline text for C.S0005-A.3	EDITOR	
005	Comment from LGE	LGE	
006	Resolution to LGE comment SC-SCAH-20020311-004	MOTOROLA	
007	Lucent ballot comment 1	LUCENT	
008	Questions from WG3	WG3	
009	Base Station control on mobiles' Traffic-To-Idle transition upon call release	NORTEL	
010	LGE's proposal for fixing the bug in the proposed standard based Sync channel fix	LGE	
011	Base Station control on mobiles' Release-To-Idle transition upon call release	NORTEL	
012	Cleanup Access to Idle in some places	QUALCOMM	
013	QC - Alternative to Ericsson TC 4	QUALCOMM	
014	Response to WG3 questions	CHAIR	
015	Updates to Ericsson's ballot comment #1 regarding control hold with channel configuration 1	ERICSSON	
016	Alternate BC Related changes	QUALCOMM	
017	Updates to Qualcomm TC #36	QUALCOMM	
018	Traffic Channel terminology Related changes	QUALCOMM	
019	Traffic Channel Initialization Related changes	QUALCOMM	
020	Samsung technical Ballot Comment # 3	SAMSUNG	
021	Samsung technical Ballot Comment # 4 _5	SAMSUNG	
WG2.4 - AN	ALOG - 3GPP2-C24-20020513-		
WC25 HI	GH RATE PACKET DATA - 3GPP2-C25-20020513-		
W 02.3 - HIC	MARTE FACKET DATA - 30112-023-20020313-		

001	Agenda	CHAIR		
002				
003	Traffic Channel Initialization Related changes	QUALCOMM		
004	Samsung technical Ballot Comment # 3	SAMSUNG		
005	Samsung technical Ballot Comment # 4 _5	SAMSUNG		
006	Traffic Channel Initialization Related changes	QUALCOMM		
007	Samsung technical Ballot Comment # 3	SAMSUNG		
008	email from Steve Dennett to Jean Alphonse, subject: FW: Remanded contribution from SC	CHAIR, 3GPP2 SC		
009	Request for MMDS Band Class Work Item	LUCENT		
010	C.S0002-C Ver .9952	EDITOR		
011	List of TIA documents	ITU AD HOC GROUP		
012	WALSH MASK BITMAP ERROR IN BALLOT VERSION MAC DOCUMENT	LUCENT		
013	CELL SWITCHING PERFORMANCE FOR 1XEV-DV BALLOT COMMENT	LUCENT		
014	Status of TIA Ballot Comments on C.S0002-C, v 4	CHAIR		
015	Additional comments on the ballot comments (MAC_TBC_10 and L3_TBC_7) regarding switching parameters	ERICSSON		
016	Ballot Comment Summary	SWG2.1		
017	Comments on the Cell/Sector Switching Procedures in 1xEV-DV	LGE		
018	New Data Rate Set for the F-PDCH	LGE		
019	Proposed Text to Prevent R-FCH Gating when the F-PDCH is Assigned	QUALCOMM		
020	Proposed Text to Clarify the Usage of Multiple_Channel_Adjustment_Gain	QUALCOMM		
021	Additional Statistics for Contribution C30-20020507-011	QUALCOMM		
022	Text for Qualcomm Ballot Comment 51	ERICSSON		
023	Physical Layer Comments for SWG 2.3	TSG-C3		
024	Improved Walsh Space Information Communication for F-PDCH Operation	QUALCOMM		
025	Performance Results for the Improved Walsh Space Information Communication for F-PDCH Operation	QUALCOMM		
026	Updated Text for R-CQICH and R-ACKCH	QUALCOMM		
027	Updated Text for R-CQICH and R-ACKCH	QUALCOMM		
028	Limiting code rates for the encoder packet on the F-PDCH	SAMSUNG		
029	Response to questions from WG3 SWG23			
030	QC - Alternative to Ericsson TC 4	QUALCOMM		
031	L3 signaling comments that SWG23 believes requires feedback from WG3/MAC	SWG23		

032	ITU Ad-Hoc Report	ITU AD HOC GROUP		
033	UPDATE OF REFERENCE MATERIAL FOR CDMA2000 MC 1XEV-DV FOR ITU-R RECOMMENDATION M.1457 SECTION 5.2	ITU AD HOC GROUP		
034	Letter to Colin Langtry of ITU-R: M.1457 Update for CDMA-MC - Declaration of Self Consistency	ITU AD HOC GROUP		
035	Letter to Director ITU-R: UPDATE OF ROADMAP FOR CDMA-MC	ITU AD HOC GROUP		
036	PERFORMANCE OF R-ACKCH WITH OR WITHOUT W ALSH COVER	LUCENT		
037	Discussion of control hold wake up	CONTROL HOLD AD HOC		
038	Text changes to remove MAC_ID from the Release C Physical Layer docuemnt	QUALCOMM		
039	List of open technical ballot comments	ERICSSON		
WG4 - PERFO	ORMANCE - 3GPP2-C40-20020513-			
WG4.1 - PHY	SICAL PERFORMANCE - 3GPP2-C41-20020513-			
SWG4.2 - SIG	NALING CONFORMANCE - 3GPP2-C42-20020513-			
001	Agenda	CHAIR		
002	Meeting Summary	CHAIR		
003	Void			
004	Racal_12.18.1_changes	RACAL		
005	Racal_17.3.2_changes	RACAL		
006	Racal_3.15_3.16_changes	RACAL		
007	Racal_9.7.2_changes	RACAL		
008	Racal_PACA_changes	RACAL		
009	QC_IS-898-A_format_convention(rev)	QUALCOMM		
SWG4.3 - LO	CATION TEST - 3GPP2-C43-20020513-			
CLOSING PI	LENARY - 3GPP2-C00-20020513-			
101	WG1 Report	WG1		
102	WG2 Report	WG2		
103	WG3 Report	WG3		
104	WG4 Report	WG4		
105	Correspondence to TSG-A regarding identification of main service instance	WG1		

106	A plan for Release C SDO review and comment resolution	SAMSUNG
107	Update of reference material to cdma2000 MC 1xEV-DO for ITU-R recommendation M.1457 Section 5.2	WG3
108	Correspondence to ITU-R M.1457 update to CDMA MC - Declaration of Self Consistency	WG3
109	Update of roadmap to CDMA MC	WG3
110	E-mail correspondence dated 14 May 2002 regarding approval of C.S0001-B through C.S0006-B	3GPP2 SECRETARIAT
111	Proposed response to TSG-A re: Multiple Service Instances	WG1
112	Proposed response to TSG-S re: Subscribed Rate and request for joint meeting	WG1
113	Proposed response to G95 re: C-PDS in Foreign Mode	WG1
114	Proposed corr to CWTS re: liaison between TSG-C and CWTS	WG1
115	Proposed corr to TSG-S re: TSG-C comments on IOTA Stage 1	WG1
116	Proposed corr to SC Chair re: Disclosure of UIM_ID assignments	WG1
117	Proposed correspondence to TSG-A regarding BCMC	WG1
118	Correspondence dated 15 May 2002 regarding Inter-PDSN Handoff Support	TSG-P
119	Correspondence dated 15 May 2002 regarding Recommendation on the Disposition of the Header Stripping and Generation Service Option Text	TSG-P
120	3GPP/3GPP2 IMS Differences	QUALCOMM
121	MMD/IMS Harmonization	QUALCOMM
122	Split Mob P_rev	MOTOROLA
123	Plan for Release C completion	MOTOROLA

TSG-C (CDMA2000)						
May 17, 2002						
COMPANY	Attendance	Attendance	Attendance	Quorum Call	Consecutive	Quorum Status
	05/13/2002	05/15/2002	05/17/2002	05/17/2002	Mtgs Missed	at Mtg Start
ADVANTEST					0	1
AGILENT TECHNOLOGIES					0	0
AIRVANA					1	0
ALLTEL	1			1	0	1
ARRAYCOMM					0	1
BELL MOBILITY	1				0	1
	1				1	1
COMMWORKS		1				
COMVERSE		-			2	0
DENSO	1			1	0	0
DOCOMO US LABORATORIES	1			1	0	1
ERICSSON	1			1	0	1
TRI					1	1
RANCE TELECOM					0	0
FUJITSU	1				0	1
GEMPLUS	1				0	1
ITACHI		1			1	1
	-	1		<u> </u>		
IYUNDAI	1			1	0	0
(DDI	1			1	0	1
T FREETEL	1			1	0	1
YOCERA	1			1	0	1
EAP WIRELESS					3	0
G ELECTRONICS	1			1	0	1
.G TELECOM	P	-		· · · · · · · · · · · · · · · · · · ·	0	0
INKAIR	- · ·	1			0	1
	4					
SILOGIC	1			1	2	1
LUCENT	1			1	0	1
MATSUSHITA/PANASONIC	1			1	0	1
MOTOROLA	1			1	0	1
IEC .		1		1	0	1
NEXTEL		1			0	1
NOKIA	1			1	0	1
VORTEL NETWORKS	1			1	0	1
PHILIPS	1			I	1	1
		-				
QUALCOMM	1			1	0	1
RESEARCH IN MOTION	1			1	1	1
ROHDE & SCHWARZ			1	1	0	0
SAMSUNG	1			1	0	1
SCHLUMBERGERSEMA			1		0	1
SEROME TECHNOLOGY					3	0
SIERRA WIRELESS					3	0
SIRF TECHNOLOGY	1				0	1
SK TELECOM		1		1	0	1
ORRENTO TELECOM	1	'		1	3	0
		-				
SPIRENT COMMUNICATIONS	1				0	0
SPRINT PCS	1			1	0	1
ANTIVY COMMUNICATIONS	1			1	0	1
EXAS INSTRUMENTS	1			1	0	1
FOSHIBA	1			1	0	1
/ERIZON WIRELESS		1		1	0	1
ZTE	1				2	0
TOTALS	25	6	1	23	-	36
QUORUM CALCULATION	69%	17%	3%	64%		
QUORUM CALCOLATION	0378	17.70	578	0478		
DDITION C						
ADDITIONS						
						1
		1				
BSERVERS AND GUESTS						
DG	1					
	1					
						+
		1				
		1				1
	1	-	1			1
UORUM STATUS NOTES:						
HIGHLIGHTED ZERO = Must attend 2 co	prisecutive mtgs to be	added to quorum li	SI			
NON-HIGHLIGHTED ZERO = Will be add						

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VOTING RESULTS - MOTION-0205-01

COMPANY	Attendance 05/13/2002	Attendance 05/15/2002	Attendance 05/17/2002	VOTE Motion-0205-01	Consecutive Mtgs Missed	Quorum Status at Mtg Start
ADVANTEST	0010/2002	00,10,2002			0	1
AGILENT TECHNOLOGIES					0	0
AIRVANA					1	0
ALLTEL	1			Y	0	1
ARRAYCOMM					0	1
BELL MOBILITY	1			Y	0	1
COMMWORKS		1			1	1
COMVERSE					2	0
DENSO	1			A	0	0
DOCOMO US LABORATORIES	1			А	0	1
ERICSSON	1			Y	0	1
ETRI					1	1
FRANCE TELECOM					0	0
FUJITSU	1				0	1
GEMPLUS	1				0	1
HITACHI		1			1	1
HYUNDAI	1			А	0	0
KDDI	1			А	0	1
KT FREETEL	1			А	0	1
KYOCERA	1			А	0	1
LEAP WIRELESS					3	0
LG ELECTRONICS	1			Y	0	1
LG TELECOM	Р			А	0	0
LINKAIR					0	1
LSI LOGIC	1			Y	2	1
LUCENT	1			A	0	1
MATSUSHITA/PANASONIC	1			A	0	1
MOTOROLA	1			Y	0	1
NEC		1		A	0	1
NEXTEL		1			0	1
NOKIA	1			Y	0	1
NORTEL NETWORKS	1			Ŷ	0	1
PHILPS	1				1	1
QUALCOMM	1			А	0	1
RESEARCH IN MOTION	1			A	1	1
ROHDE & SCHWARZ	1		1	A	0	0
	1		1	Y	0	1
	1		4	ř		
			1		0	1 0
SEROME TECHNOLOGY SIERRA WIRELESS	-				3	0
SIRF TECHNOLOGY	1				0	1
	1	4				
SK TELECOM	-	1		A	0	1
SORRENTO TELECOM	1				3	0
SPIRENT COMMUNICATIONS	1			A	0	0
SPRINT PCS	1			Y	0	1
TANTIVY COMMUNICATIONS	1			A	0	1
	1			Y	0	1
TOSHIBA	1			A	0	1
VERIZON WIRELESS		1		A	0	1
ZTE	1				2	0
TOTALS	25	6	1			36
QUORUM CALCULATION	69%	17%	3%			
ADDITIONS						
	-					
OBSERVERS AND GUESTS						
CDG	1					
QUORUM STATUS NOTES:						
- HIGHLIGHTED ZERO = Must attend 2 co	nsecutive mtas to be	added to quorum li	st			
				1		1
NON-HIGHLIGHTED ZERO = Will be add P = proxy letter in force	ed to quorum list if the	ey attend the next n	ntg			

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