

**Title:**

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**APPROVED SUMMARY OF 3GPP2 TSG-C MEETINGS**  
for 17-21 March 2003 in Vancouver, BC, Canada

**Source:**

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**Abstract:**

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This document is a summary of the 3GPP2 TSG-C meetings that were scheduled for the period of 17-21 March 2003 in Vancouver, BC, Canada but terminated on 18 March 2003 by direction of the 3GPP2 SC Chair.

**Recommendation:**

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Review and adopt.

**Notice:**

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1 During the period of 17-18 March 2003, 3GPP2 TSG-C meetings were held at the Fairmont  
 2 Hotel Vancouver in Vancouver, BC, Canada. This document is intended to summarize those  
 3 proceedings.

4

## 5 OPENING PLENARY

6 1. CALL TO ORDER AND OPENING REMARKS: The meeting was called to order at  
 7 8:45 AM local time on 17 March 2003 by TSG-C Chair, BK Yi (LGE). The Chair  
 8 welcomed everyone to Vancouver.

9 2. ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of companies  
 10 indicated that 18 companies included on the list of 32 quorum members were present  
 11 (56% participation).

12 The Secretary noted the following proxy statements had been received:

PROXY	PROXY RECIPIENT
GemPlus	Nokia
LG Telecom	LGE

13

14 3. INTRODUCTION AND NUMBERING OF CONTRIBUTIONS: Contributions were  
 15 loaded onto the 3GPP2 network server and listed in the document register (C00-  
 16 20030317-000R1).

17 4. AGENDA APPROVAL: The proposed agenda (C00-20030317-001R1) was presented.  
 18 **DECISION: The agenda (C00-20030317-001R1) was approved without objection as**  
 19 **submitted.**

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

22 6. APPROVAL OF PREVIOUS MEETING SUMMARY: The summary of the February  
 23 2003 meeting in Los Angeles, CA (C00-20030317-002) was presented. **DECISION:**  
 24 **The February 2003 meeting summary (C00-20030317-002) was approved without**  
 25 **objection as submitted.**

26 Regarding action items from the last meeting:

- 27 • The following project numbers were assigned:
- 28 • C.P0052-0 Algorithm Description Specification for CDMA Wideband  
 29 Codec
  - 30 • C.P0053-0 Minimum Performance Specification for CDMA Wideband  
 31 Codec
  - 32 • **DECISION: Assignment of a new project number for CDMA High Rate**  
 33 **Broadcast Air Interface specification was approved without objection.** The  
 34 WG2 Chair noted that the target date for availability of SDO review text was the  
 35 April 2003 meeting. C.P0054-0 was assigned for this purpose.

- 1 7. CORRESPONDENCE: None.
- 2 8. LIAISON REPORTS:
- 3 • OP MEETING: No contributions.
- 4 • SC: No contributions.
- 5 • 3GPP2 SECRETARIAT: The following contributions were discussed:
- 6 • E-mail correspondence dated 7 March 2003 regarding work item approvals  
7 (C00-20030317-018) was presented from the 3GPP2 Secretariat. This  
8 contribution was noted as FYI for the TSG.
- 9 • E-mail correspondences regarding the review and approval of C.S0017-0  
10 v5.0 (C00-20030317-019) was presented from the 3GPP2 Secretariat.  
11 This contribution was noted as FYI for the TSG.
- 12 • E-mail correspondence dated 4 March 2003 regarding TSG-C Technical  
13 Writer Request (C00-20030317-020) was presented from the 3GPP2  
14 Secretariat. **ACTION: This contribution was remanded to WG1 as  
15 FYI.**
- 16 • The approved 3GPP2 year 2004 meeting calendar (C00-20030317-021)  
17 was presented from the 3GPP2 Secretariat. This contribution was noted as  
18 FYI for the TSG.
- 19 • The revised 3GPP2 WPD dated 7 March 2003 (C00-20030317-025) was  
20 presented from the 3GPP2 Secretariat. This contribution was noted as FYI  
21 for the TSG.
- 22 • The TSG-C/3GPP2 Workplan Reports – March 2003 (C00-20030317--  
23 026) was presented from the 3GPP2 Secretariat. **ACTION: This  
24 contribution was remanded to all WGs for review and action as  
25 appropriate with comments to be coordinated by WG1.**
- 26 • TSG-A: No contributions.
- 27 • TSG-S: The following contributions were discussed:
- 28 • The TSG-S Liaison Report for February 2003 (C00-20030317-003) was  
29 presented by the TSG-S Liaison. This contribution was noted as FYI for  
30 the TSG.
- 31 • Correspondence dated 20 February 2003 regarding TSG-C Requirements  
32 Review Activity for January 2003 (with the TSG-S Stage 1 Document  
33 Status Table attached) (C00-20030317-004) was presented from TSG-S.
- 34 • **ACTION: This contribution was remanded to WG1 for review  
35 and action as appropriate and to WG2 and WG3 as FYI.**
- 36 • **ACTION: The TSG-S Liaison was requested to verify the  
37 status of the Enhanced Call Recovery Stage 1.**

- 1 • Correspondence dated 20 February 2003 to all TSGs regarding Subscribed  
2 Rate Requirements (S.P0063-0) (C00-20030317-005) was presented from  
3 TSG-S. **ACTION: This contribution was remanded to all WGs for  
4 review and action as appropriate with comments to be coordinated by  
5 WG1.**
- 6 • Correspondence dated 20 February 2003 to all TSGs regarding 3GPP2  
7 All-IP Network Architecture Module (NAM) Responsibility Matrix (C00-  
8 20030317-006) was presented from TSG-S. **ACTION: This  
9 contribution was remanded to all WGs for review and action as  
10 appropriate with comments to be coordinated by WG1.**
- 11 • Correspondence dated 20 February 2003 regarding response to TSG-C's  
12 correspondence dated 17 February 2003 related to the call for  
13 contributions for the February 2003 meeting for the development of a new  
14 process document to formalize the publication process across all TSGs  
15 (C00-20030317-007) was presented from TSG-S. This contribution was  
16 noted as FYI for the TSG.
- 17 • Correspondence dated 20 February 2003 to all TSGs regarding Specific  
18 Call for contributions for the April 2003 meeting for the development of a  
19 new process document to formalize the defacto publication process in  
20 practice within the 3GPP2 TSGs (C00-20030317-008) was presented from  
21 TSG-S. **ACTION: This contribution was remanded to all WGs for  
22 review and action as appropriate with comments to be coordinated by  
23 WG1.**
- 24 • Correspondence dated 20 February 2003 to all TSGs regarding initial  
25 review of S.P0082 - "Enhanced Packet Data Air Interface Security" and  
26 S.P0083 - "Broadcast-Multicast Service Security Framework" (C00--  
27 20030317-009) was presented from TSG-S. **ACTION: This  
28 contribution was remanded to all WGs for review and action as  
29 appropriate with comments to be coordinated by WG1.**
- 30 • S.S0028-0 v2.0 OAM&P publication text (C00-20030317-010) was  
31 presented from TSG-S. This contribution was noted as FYI for the TSG.
- 32 • Correspondence dated 20 February 2003 to all TSGs regarding Review of  
33 Work Item Worksheets (C00-20030317-011) was presented from TSG-S.  
34 **ACTION: This contribution was remanded to all WGs for review and  
35 action as appropriate with comments to be coordinated by WG1.**
- 36 • Correspondence dated 20 February 2003 to all TSGs regarding Withdrawal  
37 of Support for Rm Interface Enhancement Work Item (C00-20030317--  
38 012) was presented from TSG-S. **ACTION: This contribution was  
39 remanded to all WGs as FYI.**
- 40 • TSG-X: The following contributions were discussed:
- 41 • Correspondence dated 21 February 2003 to TSG-S regarding Review of  
42 BCMCS Stage 1 Draft (C00-20030317-013) was presented from TSG-X.  
43 This contribution was noted as FYI for the TSG.

- 1 • Correspondence dated 21 February 2003 to TSG-S indicating TSG-X will  
2 attend Evolution Meeting (C00-20030317-014) was presented from  
3 TSG-X. This contribution was noted as FYI for the TSG.
- 4 • Correspondence dated 21 February 2003 regarding Review of TSG-X  
5 CSN Decision on Multiple, Concurrent IS-801 Sessions (C00-20030317--  
6 015) was presented from TSG-X. **ACTION: This contribution was**  
7 **remanded to WG1 for review and action as appropriate.**
- 8 • Correspondence dated 21 February 2003 regarding Multimedia Domain  
9 MS Parameters (C00-20030317-016) was presented from TSG-X.  
10 **ACTION: This contribution was remanded to WG1 for review and**  
11 **action as appropriate.**
- 12 • Correspondence dated 21 February 2003 to TSG-S regarding TSG-X  
13 Response on Revised Work Items (C00-20030317-017) was presented  
14 from TSG-X. This contribution was noted as FYI for the TSG.

15 • TR45: No contributions.

16 9. WORKING GROUP REPORTS:

- 17 • WG1 Chair, Phil Brown (Ericsson), noted the following plan of activities for  
18 continuation of work for this week:
- 19 • Held interim conference calls on C.P0045-0 FFMS and also received  
20 correspondence from CDG on this topic. CDG will not be able to provide  
21 any additional input on a mandatory MMS codec until next month.
- 22 • All WG1 SWGs will meet this month but there has been a schedule change  
23 for SWG1.4 and SWG1.5 on Tuesday 18 March 2003.
- 24 • SWG1.5 will meet on Tuesday 18 March 2003 AM to review status of  
25 development activities.
- 26 • WG1 recommended that there is no need to have the joint WG meetings  
27 this afternoon as previously planned.
- 28 • WG2 Chair, Orlett Pearson (Lucent), noted the following plan of activities for  
29 continuation of work for this week: Will continue discussions related to MEID,  
30 FCS, HRPD Broadcast, and review of bug fixes to previous releases.
- 31 • WG3 Chair, Ed Tiedemann (QUALCOMM), noted the following plan of activities  
32 for continuation of work for this week:
- 33 • Continuing discussions on simulation and calibration issues.
- 34 • The 3GPP/3GPP2 SCM AdHoc will update their status.
- 35 • Will continue discussions on RL Enhancements
- 36 • Will also continue discussions on HRPD Enhancements and the process  
37 associated with the consideration of those issues
- 38 • WG3 has also been requested to recommend to identify a new Vice Chair.

- 1 • Jim Chou (Lucent), noted the following plan of activities for continuation of WG4  
2 work for this week:
- 3 • **DECISION: C.P0032-0 AN Minimum Performance Specification**  
4 **(C00-20030317-030) was approved without objection as baseline text.**  
5 **ACTION: C.P0032-0 AN Minimum Performance Specification**  
6 **(C00-20030317-030) was remanded to WG4 for V&V.**
- 7 • **DECISION: C.P0033-0 AT Minimum Performance Specification**  
8 **(C00-20030317-031) was approved without objection as baseline text.**  
9 **ACTION: C.P0033-1 AT Minimum Performance Specification**  
10 **(C00-20030317-031) was remanded to WG4 for V&V.**
- 11 • **DECISION: Proposed ITU WP 8F IMT-2000 characteristics update**  
12 **for CDMA2000 (C00-20030317-032) was approved without objection**  
13 **and liaised to TR45.5.**
- 14 • The TSG was advised that the closing Plenary for TR45.5 this week has been  
15 scheduled for Wednesday 19 March 2003 at 6:30 PM. The TSG did not indicate a  
16 need for an interim Plenary to liaise outputs to TR45.5.
- 17 10. OLD BUSINESS:
- 18 • A contribution on Preventing a Potential Interoperability Problem in Release C  
19 (C00-20030317-022) was presented by Samsung. This contribution identified the  
20 problem related to the MuxPDU Type 5 format and the proposed solution that will  
21 be implemented in the next release of the cdma2000 MAC document. This  
22 contribution was noted as FYI for the TSG.
- 23 • A contribution on 3GPP2 Specification Editor responsibilities  
24 (C00-20030317-027) was presented by the Secretary. Problems in the document  
25 publication process included the following only if the assumption that the TSG  
26 must be responsible for the technical sanctity of the final pdf documents:
- 27 • Inclusion of SDO specific headers is problematic.  
28 • Completion of the reference list for all SDO documents.
- 29 The contribution will be reviewed at the TSG-C Leadership meeting.
- 30 11. ITU PROCESS/APPROVAL: No contributions.
- 31 12. NEW BUSINESS:
- 32 • A contribution on Work Priority and Mechanism for HRPD Enhancements (C00-  
33 20030317-023) was presented by QUALCOMM on behalf of 17 other  
34 co-contributors. This contribution recommended that TSG-C begin work towards  
35 publishing C.S0024 Revision A in a timely manner.
- 36 • A summary of proposed enhancements to C.S0024 (C00-20030317-024) was  
37 presented by QUALCOMM. The planned enhancements recommended include  
38 the following:
- 39 • FL Enhancements  
40 • RL Enhancements

- 1 • Integrated operation of 1x and 1xEV-DO
- 2 • QoS-related features
- 3 • Other items

4 The contribution was noted as FYI for the TSG.

- 5 • A contribution regarding development priorities for 1xEV-DV Stage 1  
6 requirements (C00-20030317-028) was presented by Sprint PCS on behalf of six  
7 (6) other co-contributors. This contribution recommended that TSG-C prioritize  
8 development activities to meet the unmet requirements in S.R0026 over any  
9 enhancements to C.S0024 and that these development activities be expedited to  
10 satisfy the requirements in S.R0026 in accordance with the agreed upon, to be  
11 formalized timeline. Sprint PCS further clarified this recommendation, from their  
12 perspective, is that a best effort should be made to meet all requirements that are  
13 technically feasible within the agreed upon timeframe.
- 14 • A contribution regarding the process for the development of performance  
15 enhancements to C.S0024 (C00-20030317-029) was presented by Sprint PCS on  
16 behalf of six (6) other co-contributors. This contribution proposed a process and  
17 methodology similar to the one used for developing 1xEV-DV to be used for the  
18 development of performance enhancements to C.S0024.
- 19 • **ACTION: All contributions under this new business agenda item**  
20 **(C00-200303117-023, C00-200303117-024, C00-200303117-028, and**  
21 **C00-200303117-029) were remanded to WG1, WG2, and WG3 to review the**  
22 **requests for action on HRPD Enhancements with respect to their current**  
23 **workload and development schedule and to make recommendations on how**  
24 **to incorporate HRPD Enhancements into their workplan. These**  
25 **recommendations will be initially discussed at the TSG-C Chair's meeting**  
26 **and then reviewed, with potential recommendations from the TSG-C Chair's**  
27 **team, by the TSG-C membership.**
- 28 • **ACTION: The Chair also requested that WGs consider whether a meeting**  
29 **in the June 2003 timeframe will be required. The schedule of 16-20 June was**  
30 **proposed by QUALCOMM for consideration if the meeting is deemed to be**  
31 **necessary.**

32 This session was recessed on 17 March 2003 at 12:20 PM local time.

33

1 The TSG-C meetings were schedule to continue to 21 March 2003. However, on the morning of  
2 18 March 2003, an e-mail was broadcast on all TSG e-mail exploders from the 3GPP2 SC Chair,  
3 Hideo Okinaka (KDDI). This correspondence indicated the following: "In light of the heightened  
4 security alert and possible events unfolding this week as a result of President Bush's statement last  
5 night, I have decided to SUSPEND all 3GPP2 TSG meetings taking place in Vancouver  
6 immediately. The main purpose for suspending the meetings is to allow those participants who  
7 wish to do so the opportunity to return home. While formally the meetings are being suspended,  
8 working groups who might wish to continue discussions are free to do so. Please remember that  
9 no decisions are to be made at the working group level. Consequently, items discussed requiring  
10 decision will be deferred to the next duly-called meeting of the TSG."

11 Based on this direction and after consultation with the TSG-C Leadership Team, the Chair  
12 adjourned all TSG-C meetings on 18 March 2003 at approximately 9:15 AM local time. The  
13 following associated statements were broadcast to the TSG-C exploder:

- 14 • "All TSG-C Plenary, WG, SWG, and AdHoc meetings for Vancouver are adjourned,  
15 effective immediately.
- 16 • In the Interim, there will be no Plenary conference calls. WG Chairs will schedule interim  
17 conference calls in an effort to make up for the lost time in Vancouver and continue to  
18 progress the work. These WG conference calls will be subject to the following  
19 restrictions:
  - 20 • WPD rules regarding 7-day advance meeting notices must be honored.
  - 21 • WG conference calls may b e scheduled for Monday through Thursday US time –  
22 no Friday US time conference calls. Conference calls will be limited to a maximum  
23 of 5 hours per day.
- 24 • With respect to the TSG-C meetings in Ceour d'Alene, ID:
  - 25 • Opening Plenary will start promptly at 8:00 AM on Monday morning. Please be  
26 on time so that we do not have a problem with quorum. We will expedite the  
27 Plenary activities to allow time for the joint WG meeting to be held in the late  
28 morning session.
  - 29 • We have now confirmed that the meeting rooms will be available for evening  
30 meetings so the WG and SWG meeting schedules will include evening sessions  
31 after allowance for a dinner break.

32 Your understanding is requested as we attempt to recover for the lost time at the  
33 Vancouver meeting."

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

- 36 • **ACTION: The TSG-S Liaison was requested to verify the status of the Enhanced**  
37 **Call Recovery Stage 1.**

- 1 • **ACTION: WG1, WG2, and WG3 to review the requests for action on HRPD**  
2 **Enhancements with respect to their current workload and development schedule**  
3 **and to make recommendations on how to incorporate HRPD Enhancements into**  
4 **their workplan. These recommendations will be initially discussed at the TSG-C**  
5 **Chair's meeting and then reviewed, with potential recommendations from the**  
6 **TSG-C Chair's team, by the TSG-C membership.**
- 7 • **ACTION: All WGs were directed to consider whether a meeting in the June 2003**  
8 **timeframe will be required. The schedule of 16-20 June was proposed by**  
9 **QUALCOMM for consideration if the meeting is deemed to be necessary.**

## 10 FUTURE MEETING SCHEDULE:

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
14-18 July 2003	The Hyatt Embarcadero in San Francisco, CA

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12 ADJOURNMENT: The Plenary was adjourned on 18 March 2003 at approximately 9:15 AM  
13 local time.

14

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

NUMBER	SUBJECT	SOURCE
<b>OPENING PLENARY - 3GPP2-C00-20030317-</b>		
000	DOCUMENT REGISTER	SECRETARY
001	AGENDA	CHAIR
002	TSG-C Meeting summary - February 2003 - Shenzhen, China	SECRETARY
003	TSG-S Liaison Report - February 2003	TSG-S LIAISON
004	Correspondence dated 20 February 2003 regarding TSG-C Requirements Review Activity for January 2003	TSG-S
005	Correspondence dated 20 February 2003 to all TSGs regarding Subscribed Rate Requirements (S.P0063-0)	TSG-S
006	Correspondence dated 20 February 2003 to all TSGs regarding 3GPP2 All-IP Network Architecture Module (NAM) Responsibility Matrix	TSG-S
007	Correspondence dated 20 February 2003 regarding response to TSG-C's correspondence dated 17 February 2003 related to the call for contributions for the February 2003 meeting for the development of a new process document to formalize the publication process across all TSGs	TSG-S
008	Correspondence dated 20 February 2003 to all TSGs regarding Specific Call for contributions for the April 2003 meeting for the development of a new process document to formalize the defacto publication process in practice within the 3GPP2 TSGs	TSG-S
009	Correspondence dated 20 February 2003 to all TSGs regarding initial review of S.P0082 - "Enhanced Packet Data Air Interface Security" and S.P0083 - "Broadcast-Multicast Service Security Framework"	TSG-S
010	S.S0028-0 v2.0 OAM&P proposed publication text	TSG-S
011	Correspondence dated 20 February 2003 to all TSGs regarding Review of Work Item Worksheets	TSG-S
012	Correspondence dated 20 February 2003 to all TSGs regarding Withdrawal of Support for Rm Interface Enhancement Work Item	TSG-S
013	Correspondence dated 21 February 2003 to TSG-S regarding Review of BCMCS Stage 1 Draft	TSG-X
014	Correspondence dated 21 February 2003 to TSG-S indicating TSG-X will attend Evolution Meeting	TSG-X
015	Correspondence dated 21 February 2003 regarding Review of TSG-X CSN Decision on Multiple, Concurrent IS-801 Sessions	TSG-X
016	Correspondence dated 21 February 2003 regarding Multimedia Domain MS Parameters	TSG-X
017	Correspondence dated 21 February 2003 to TSG-S regarding TSG-X Response on Revised Work Items	TSG-X
018	E-mail correspondence dated 7 March 2003 regarding work item approvals	3GPP2 SECRETARIAT

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019	E-mail correspondences regarding review and approval of C.S0017-0 v5.0	3GPP2 SECRETARIAT
020	E-mail correspondence dated 4 March 2003 regarding TSG-C Technical Writer Request	3GPP2 SECRETARIAT
021	3GPP2 year 2004 meeting calendar	3GPP2 SECRETARIAT
022	Preventing a Potential Interoperability Problem in Release C	SAMSUNG
023	Work priority and mechanism for HRPD enhancements	CHINA UNICOM, KDDI, KTF, SKT, AND VERIZON WIRELESS
024	Summary of proposed enhancements to C.S0024	QUALCOMM
025	Revised 3GPP2 WPD 3/7/03	3GPP2 SECRETARIAT
026	TSG-C/3GPP2 Workplan Reports – March 2003	3GPP2 SECRETARIAT
027	3GPP2 Specification Editor responsibilities	SECRETARY
028	Development priorities for 1xEV-DV Stage 1 requirements	ALLTEL, SPRINT PCS, BELL MOBILITY, LG TELECOM, NOKIA, AND VIA TELECOM
029	Process for the development of performance enhancements to C.S0024	ALLTEL, SPRINT PCS, BELL MOBILITY, LG TELECOM, NOKIA, AND VIA TELECOM
030	C.P0032-1 AN MPS proposed baseline text	WG4
031	C.P0033-1 AT MPS proposed baseline text	WG4
032	Proposed ITU WP 8F IMT-200 characteristics update for CDMA200	WG4

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3GPP2 QUORUM ROLL CALL					
TSG-C (CDMA2000)					
21-Mar-03					
COMPANY	Attendance 03/17/2003	Attendance 03/21/2003	Consecutive Mtgs Missed	Voting Status	Quorum Status at Mtg Start
AGILENT TECHNOLOGIES			0	1	1
ALLTEL	1		0	1	1
BELL MOBILITY	1		3	0	0
CISCO			2	0	0
COMMMWORKS			3	0	0
DOCOMO US LABORATORIES			0	1	1
ERICSSON	1		0	1	1
ETRI			1	1	1
FRANCE TELECOM			3	0	0
FUJITSU			0	1	1
GEMPLUS	P		0	1	1
HITACHI	1		0	1	1
HYUNDAI			1	0	0
KDDI	1		0	1	1
KT FREETEL			1	1	1
KYOCERA	1		0	1	1
LG ELECTRONICS	1		0	1	1
LG TELECOM	P		1	1	1
LINKAIR			1	0	0
LUCENT	1		0	1	1
MATSUSHITA/PANASONIC			3	0	0
MOTOROLA	1		0	1	1
NEC			0	1	1
NEXTEL			0	1	1
NEXTREAMING	1		1	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			1	1	1
ROHDE & SCHWARZ			0	1	1
SAMSUNG	1		0	1	1
SCHLUMBERGERSEMA	1		0	1	1
SIERRA WIRELESS	1		2	0	0
SIRF TECHNOLOGY	1		0	1	1
SK TELECOM			1	1	1
SORRENTO TELECOM			3	0	0
SPIRENT COMMUNICATIONS			0	1	1
SPRINT PCS	1		0	1	1
TELUS MOBILITY			3	0	0
TEXAS INSTRUMENTS	1		1	1	1
TOSHIBA	1		0	1	1
VERIZON WIRELESS			3	0	0
VIA TELECOM	1		0	1	1
ZTE			0	1	1
<b>TOTALS</b>	<b>18</b>	<b>0</b>		<b>32</b>	<b>32</b>
<b>QUORUM CALCULATION</b>	<b>56%</b>	<b>0%</b>			
<b>ADDITIONS</b>					
DYADAPTIVE	1				
QUICKSILVER TECHNOLOGIES	1				
<b>OBSERVERS AND GUESTS</b>					
ARIB	1				
<b>QUORUM STATUS NOTES:</b>					
- 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					