

**Title:**

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**APPROVED SUMMARY OF TSG-S MEETING**  
for 17-20 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-S meetings that were scheduled for the period of 17-20 March 2003 in Vancouver, BC, Canada but terminated on 18 March 2003 by direction of the 3GPP2 SC Chair.

**Recommendation:**

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For review and approval.

**Notice:**

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

#### 4 OPENING PLENARY

5 1. CALL TO ORDER AND OPENING REMARKS: The meeting was called to order on  
6 17 March 2003 at 1:15 PM local time by TSG-S Vice Chair, Akira Matsunaga (KDDI).

7 The meeting participants each introduced themselves and their affiliation.

8 2. ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of TSG-S active  
9 companies indicated 11 companies in attendance out of 21 active companies (52%  
10 participation). Thus, meeting quorum was achieved. A new server based sign-in system  
11 had been introduced previous to the meeting to document individual attendance at the  
12 Plenary and all subgroups.

13 3. DISTRIBUTION AND NUMBERING OF CONTRIBUTIONS: Contributions were  
14 documented in S00-20030317-000. All contributions were distributed as soft copy and  
15 were made available from the server.

16 4. ADOPTION OF AGENDA: The proposed agenda (S00-20030317-001) was presented.  
17 **DECISION: The agenda (S00-20030317-001R1) was approved without objection as**  
18 **modified by the discussion.**

19 The following LAN transport volunteers were accepted and noted on the agenda:

- |    |                    |               |                       |
|----|--------------------|---------------|-----------------------|
| 20 | • 14-17 April 2003 | Coeur d'Alene | Alex Gogic (QUALCOMM) |
| 21 | • 12-15 May 2003   | San Diego     | Shou Gung (Nokia)     |
| 22 | • 14-17 July 2003  | San Francisco | Clif Barber (KDDI)    |

23 5. REVIEW AND APPROVAL OF PREVIOUS MEETING SUMMARY: The summary of  
24 the February 2003 TSG-S meeting in Los Angeles, CA (S00-20030317-002) was  
25 presented. The following comments were noted:

- 26 • Page 6 under WG1 report: change "S.P0035-0" to "S.R0035-0".
- 27 • Page 7, 4th DECISION item 002A: change "all TSGs" to "TSG-X" and change  
28 "final review and approval of S.P0058-0 IP Multimedia System Requirements" to  
29 "response to TSG-P comments regarding IP Multimedia Domain System  
30 Requirements (S.P0058-0) v0.5.4"
- 31 • On page 9 under the WG4 Report, add bullet as follows: "WG4 will consider text  
32 input to Section 5 of the Vision Document by the end of the March 2003  
33 meeting."

34 **DECISION: This meeting summary was approved without objection as modified by**  
35 **the discussion (S00-20030317-002R1).**

## 1 6. CORRESPONDENCE AND LIAISON REPORTS

- 2 • 3GPP2 SC/OP: E-mail correspondence dated 10 March 2003 regarding TSG-X  
3 correspondence to SC on 3GPP2 Publication Policy (S00-20030317-021) was  
4 noted from the SC Chair. This contribution remanded correspondence to the SC  
5 Char from TSG-X regarding the 3GPP2 Publication Process to be considered by  
6 TSG-S as the focal point for these discussions. **ACTION: This contribution**  
7 **was remanded to WG3 for review and action as appropriate.**
- 8 • 3GPP2 SECRETARIAT: The following correspondences were noted from the  
9 3GPP2 Secretariat:
- 10 • E-mail correspondence dated 24 February 2003 regarding confirmation of  
11 TSG-X Leadership (S00-20030317-013) was presented from the 3GPP2  
12 Secretariat. This contribution was noted as FYI for the TSG.
- 13 • The approved 3GPP2 year 2004 meeting calendar (S00-20030317-014)  
14 was presented from the 3GPP2 Secretariat. This contribution was noted as  
15 FYI for the TSG.
- 16 • E-mail correspondences regarding review and approval of S.S0028-A v2.0  
17 - OAM&P for cdma2000 (3GPP R4 Delta Specification) as well as  
18 approval of S.R0080-0 v1.0 (S00-20030317-015) was presented from the  
19 3GPP2 Secretariat. This contribution was noted as FYI for the TSG.
- 20 • E-mail correspondence dated 7 March 2003 regarding work item approvals  
21 (S00-20030317-016) was presented from the 3GPP2 Secretariat.  
22 **ACTION: This contribution was remanded to WG3 as FYI.**
- 23 • The revised 3GPP2 WPD (S00-20030317-018) was presented from the  
24 3GPP2 Secretariat. The associated transmission correspondence noted  
25 that the only change was to replace TSG-N and TSG-P with TSG-X on  
26 Annex C: 3GPP2 Application Form. This contribution was noted as FYI  
27 for the TSG.
- 28 • E-mail correspondence dated 12 March 2003 regarding review of work  
29 item 3GPP2-00059 MEID Mobile Equipment Identifier Enhancements  
30 (S00-20030317-019) was presented from the 3GPP2 Secretariat.  
31 **ACTION: This contribution was remanded to WG3 as FYI.**
- 32 • UIM ID ADMINISTRATOR: No contributions.
- 33 • TSG-A: The following contributions were discussed from TSG-A:
- 34 • Correspondence dated 21 February 2003 regarding Comments on BCMCS  
35 Stage 1 Document (S00-20030317-006) was presented from TSG-A.  
36 **ACTION: This contribution was remanded to WG1 for review and**  
37 **action as appropriate.**

- 1           •       TSG-C: The following contributions were discussed from TSG-C:
- 2                   •       The TSG-C Liaison Report for February 2003 (S00-20030317-003) was  
3                   presented by the TSG-C Liaison. This contribution was noted as FYI for  
4                   the TSG.
- 5                   •       Correspondence dated 21 February 2003 regarding TSG-C Requirements  
6                   Review Activity for February 2003 (S00-20030317-004) was presented  
7                   from TSG-C. **ACTION: This contribution was remanded to WG1  
8                   and WG2 for review and action as appropriate.**
- 9                   •       Correspondence dated 21 February 2003 regarding SHA-1 Algorithm  
10                   (S00-20030317-005) was presented from TSG-C. **ACTION: This  
11                   contribution was remanded to WG4 for review and action as  
12                   appropriate and to the Equipment Numbering AdHoc as FYI.**
- 13           •       TSG-X: The following contributions were discussed from TSG-X:
- 14                   •       Correspondence dated 21 February 2003 regarding review of BCMCS  
15                   Stage 1 Draft (S00-20030317-007) was presented from TSG-X.  
16                   **ACTION: This contribution was remanded to WG1 for review and  
17                   action as appropriate.**
- 18                   •       Correspondence dated 21 February 2003 indicating TSG-X will attend the  
19                   Evolution Meeting (S00-20030317-008) was presented from TSG-X. The  
20                   WG2 Chair noted that the meeting dates indicated in the correspondence  
21                   were in error but the TSG-X Chair had already been notified **ACTION:  
22                   This contribution was remanded to WG2 as FYI.**
- 23                   •       Correspondence dated 21 February 2003 regarding TSG-X CSN Decision  
24                   on Multiple, Concurrent IS-801 Sessions (S00-20030317-009) was  
25                   presented from TSG-X. **ACTION: This contribution was remanded to  
26                   WG1 for review and action as appropriate.**
- 27                   •       Correspondence dated 21 February 2003 regarding TSG-X Response on  
28                   Revised Work Items (S00-20030317-010) was presented from TSG-X.  
29                   **ACTION: This contribution was remanded to WG3 for review and  
30                   action as appropriate.**
- 31           •       TR45: Multiple correspondences regarding TIA review of 3GPP2 NAM and  
32                   Evolution Documents (S00-20030317-011) was presented from the Secretary.  
33                   **ACTION: This contribution was remanded to WG2 as FYI.**
- 34           •       ITU: No contributions.
- 35           •       TR45 AHAG: No contributions.

- 1           •       3GPP: No contributions.
- 2           •       3GPP-SA5 and T1M1: A 3GPP TSG-SA5 Liaison statement dated 28 February  
3           2003 regarding Completion of R4-based 3GPP2 OAM&P Delta Specification  
4           (S.S0028-A) (S00-20030317-017) was presented from 3GPP TSG-SA5.  
5           **ACTION: This contribution was remanded to WG5 for review and action as**  
6           **appropriate.**
- 7           •       WIG (WLAN Interworking Group): No contributions.
- 8           •       OMA (Open Mobile Alliance): E-mail correspondence dated 14 March 2003  
9           regarding Draft OMA Cooperation Framework Agreement (S00-20030317-020)  
10          was presented from the TSG-S Vice Chair. **ACTION: This contribution was**  
11          **remanded to the OMA AdHoc for review and action as appropriate.**
- 12          •       CDG: Correspondence dated 21 February 2003 regarding CDMA2000 Future  
13          Release Naming Guidelines (S00-20030317-012) was presented from CDG.  
14          **ACTION: This contribution was remanded to WG3 for review and action as**  
15          **appropriate.**
- 16   7.       NEW/OLD BUSINESS:
- 17          •       Bruce Pettitt noted, based on his transportation of the server to this meeting, that  
18          3GPP2 should secure appropriate paperwork (international carnet?) to prove  
19          ownership and declare value for this equipment. **ACTION: Vicky Bosserman**  
20          **(3GPP2 Secretariat staff) agreed to investigate this issue and advise the TSG**  
21          **of her findings.**
- 22   8.       WG BUSINESS:
- 23          •       WG1 ISSUES: No additional contributions or issues were noted.
- 24          •       WG2 ISSUES: No additional contributions or issues were noted.
- 25          •       PMT ISSUES: No additional contributions or issues were noted.
- 26          •       WG4 ISSUES: No additional contributions or issues were noted.
- 27          •       WG5 ISSUES: No additional contributions or issues were noted.
- 28          •       VISION ADHOC ISSUES: A contribution regarding Comments on Vision  
29          Document (S00-20030317-022) was presented from Samsung. **ACTION: This**  
30          **contribution was remanded to the Vision AdHoc for review and action as**  
31          **appropriate.**
- 32          •       EQUIPMENT NUMBERING ADHOC ISSUES: No additional contributions or  
33          issues were noted.
- 34          •       UIM ADHOC ISSUES: No additional contributions or issues were noted.
- 35          •       OMA ADHOC ISSUES: The acting Chair noted that Donnie Townsend (Sprint  
36          PCS) would no longer be able to Chair that group so Rich Robinson (Sprint PCS)  
37          will serve as the new OMA AdHoc Chair when it meets next month.

1 The Plenary was recessed at on 17 March 2003 at 3:30 PM local time.

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3 The TSG-S meetings were schedule to continue to 20 March 2003. However, on the morning of  
4 18 March 2003, an e-mail was broadcast on all TSG e-mail exploders from the 3GPP2 SC Chair,  
5 Hideo Okinaka (KDDI). This correspondence indicated the following: "In light of the heightened  
6 security alert and possible events unfolding this week as a result of President Bush's statement last  
7 night, I have decided to SUSPEND all 3GPP2 TSG meetings taking place in Vancouver  
8 immediately. The main purpose for suspending the meetings is to allow those participants who  
9 wish to do so the opportunity to return home. While formally the meetings are being suspended,  
10 working groups who might wish to continue discussions are free to do so. Please remember that  
11 no decisions are to be made at the working group level. Consequently, items discussed requiring  
12 decision will be deferred to the next duly-called meeting of the TSG."

13 Based on this direction and after consultation with the TSG-S Leadership Team, the acting Chair  
14 adjourned all TSG-S meetings on 18 March 2003 at approximately 9:45 AM local time. The  
15 following associated statements were broadcast to the TSG-S exploder:

- 16 • "All TSG-S Plenary, WG, SWG, and AdHoc meetings for Vancouver are adjourned,  
17 effective immediately.
- 18 • In the Interim, there will be no Plenary conference calls. WG Chairs may schedule interim  
19 conference calls in an effort to make up for the lost time in Vancouver and continue to  
20 progress the work. These WG conference calls will be subject to the following  
21 restrictions:
  - 22 • WPD rules regarding 7-day advance meeting notices must be honored.
  - 23 • WG conference calls may b e scheduled for Monday through Thursday US time -  
24 no Friday US time conference calls. Conference calls will be limited to a maximum  
25 of 3 hours per meeting per day.

26 The following WG meetings are currently being planned:

- 27 • WG1 31 March 2003 5-8 PM US central time
- 28 • WG1 1 April 2003 5-8 PM US central time
- 29 • WG5 TBD
- 30 • Equipment Numbering AdHoc is planning to schedule a joint meeting with the TIA  
31 TR45 UIM/ESN AdHoc. That meeting is currently TBD.
- 32 • With respect to the TSG-S meetings in Ceour d'Alene, ID:
  - 33 • All WG Reports from the Vancouver meeting will be presented at the opening  
34 Plenary next month. As such, we will reserve the Monday afternoon session for  
35 the Plenary (i.e., no meetings after the Plenary unless they are evening sessions).

- 1           •       We have now confirmed that the meeting rooms will be available for evening  
2                   meetings so the WG and SWG meeting schedules may include evening sessions  
3                   after allowance for a dinner break.

4           All WG and SWG Chairs are requested to submit their meeting time requests to Rich  
5           Robinson before Friday 28 March 2003.

6           Your understanding is requested as we attempt to recover for the lost time at the  
7           Vancouver meeting.”

8   ASSIGNMENTS: Other than document remand actions, the following assignments are  
9   outstanding:

- 10   •       **ACTION: Vicky Bosserman (3GPP2 Secretariat staff) agreed to investigate**  
11           **whether or not appropriate paper (international carnet?) can be made available for**  
12           **transport of the LAN server across international boundaries and to advise the TSG**  
13           **of her findings.**

14   REVIEW OF FUTURE MEETINGS:

14-17 April 2003	The Coeur d'Alene Resort in Coeur d'Alene, ID
12-15 May 2003	The Westin Horton Plaza in San Diego, CA
14-18 July 2003	The Hyatt Embarcadero in San Francisco, CA

16   ADJOURNMENT: This meeting was adjourned on 18 March 2003 at approximately 9:45 AM  
17   local time.

1 A listing of the contributions for this meeting is itemized below:

NUMBER	SUBJECT	SOURCE
<b>OPENING PLENARY - 3GPP2-S00-20030317-</b>		
000	CONTRIBUTION REGISTER	SECRETARY
001	AGENDA	CHAIR
002	Meeting Summary - February 2003 - Los Angeles, CA	SECRETARY
003	TSG-C Liaison Report - February 2003	TSG-C LIAISON
004	Correspondence dated 21 February 2003 regarding TSG-C Requirements Review Activity for February 2003	TSG-C
005	Correspondence dated 21 February 2003 regarding SHA-1 Algorithm	TSG-C
006	Correspondence dated 21 February 2003 regarding Comments on BCMCS Stage 1 Document	TSG-A
007	Correspondence dated 21 February 2003 regarding review of BCMCS Stage 1 Draft	TSG-X
008	Correspondence dated 21 February 2003 indicating TSG-X will attend the Evolution Meeting	TSG-X
009	Correspondence dated 21 February 2003 regarding TSG-X CSN Decision on Multiple, Concurrent IS-801 Sessions	TSG-X
010	Correspondence dated 21 February 2003 regarding TSG-X Response on Revised Work Items	TSG-X
011	Multiple correspondences regarding TIA review of 3GPP2 NAM and Evolution Documents	SECRETARY
012	Correspondence dated 21 February 2003 regarding CDMA2000 Future Release Naming Guidelines	CDG
013	E-mail correspondence dated 24 February 2003 regarding confirmation of TSG-X Leadership	3GPP2 SECRETARIAT
014	3GPP2 year 2004 meeting calendar	3GPP2 SECRETARIAT
015	E-mail correspondences regarding review and approval of S.S0028-A v2.0 - OAM&P for cdma2000 (3GPP R4 Delta Specification) as well as approval of S.R0080-0 v1.0	3GPP2 SECRETARIAT
016	E-mail correspondence dated 7 March 2003 regarding work item approvals	3GPP2 SECRETARIAT
017	Liaison statement dated 28 February 2003 regarding Completion of R4-based 3GPP2 OAM&P Delta Specification (S.S0028-A)	3GPP TSG-SA5
018	Revised 3GPP2 WPD	3GPP2 SECRETARIAT
019	E-mail correspondence dated 12 March 2003 regarding review of work item 3GPP2-00059 MEID Mobile Equipment Identifier Enhancements	3GPP2 SECRETARIAT
020	E-mail correspondence dated 14 March 2003 regarding Draft OMA Cooperation Framework Agreement	TSG-S VICE CHAIR
021	E-mail correspondence dated 10 March 2003 regarding TSG-N correspondence to SC on 3GPP2 Publication Policy	SC CHAIR

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022	Comments on Vision Document	SAMSUNG
023	TSG-S Liaison Report to other TSGs - February 2003	SECRETARY

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STATUS OF APPROVED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	TITLE	RESP
S.R0003-0	3GPP2 System Capability Guide	WG1
S.R0003-A	3GPP2 System Capability Guide	WG1
S.R0004-0	3GPP2 Service Implementation Guide	WG1
S.R0005-A	3GPP2 Network Reference Model (Rev. A)	WG2
S.R0005-B	3GPP2 Network Reference Model (Rev. B)	WG2
S.R0006-0	Cellular Features Description (TIA/EIA-664-A Rev A)	WG1
S.R0007-0	User Selective Call Forwarding (Stage 1) v2.1	WG1
S.R0008-0	Answer Hold (Stage 1) v2.0	WG1
S.R0009-0	User Identity Module (Stage 1) (PN-4582) v1.0	UIM
S.R0010-0	Preferred Language Enhancement (Stage 1) (PN-4289) v1.0	WG1
S.R0011-0	Advice of Charge (Stage 1) (PN-4289) v1.0	WG1
S.R0012-0	Rejection of Undesired Annoying Calls (Stage 1) (PN-4289) v1.0	WG1
S.R0013-0	Global Emergency Call Origination (Stage 1) v1.0	WG1
S.R0014-0	Tandem Free Operation (Stage 1) v1.0	WG1
S.R0015-0	ISDN Interworking (Stage 1) v1.0	WG1
S.R0016-0	Automatic Code Gapping (Stage 1) v2.0	WG1
S.R0017-0	3G Wireless Network Management System High Level Requirements (Stage 1)	WG5
S.R0018-0	Prepaid Services (Stage 1) (PN-4287) v1.0	WG1
S.R0019-0	Location Based System Services (LBSS) Stage 1 v1.0	WG1
S.R0021-0	Multimedia Streaming Stage 1 v1.0	WG1
S.R0022-0	Video Conferencing Stage 1 v1.0	WG1
S.R0023-0	High Speed Data Enhancements for cdma2000 1x Stage 1 - Data Only v2.0	WG1
S.R0024-0	WLL Stage 1 v1.0	WG1
S.R0025-0	WPP Stage 1 v1.0	WG1
S.R0026-0	High Speed Data Enhancements for cdma2000 1x Stage 1 - Integrated Data and Voice (1xEV-DV) v1.0	WG1
S.R0027-0	Personal Mobility Stage 1 v1.0	WG1
S.S0028-0	OAM&P Specification v1.0	WG5
S.S0028-0	OAM&P Specification v2.0	WG5
S.S0028-0	OAM&P Specification v3.0	WG5
S.S0028-A	OAM&P Specification v2.0	WG5
S.R0029-0	Access control based on call type Stage 1 v1.0	WG1
S.R0030-0	Broadcast Multicast Services Stage 1 v1.0	WG1
S.R0032-0	ESA and ESP Stage 1 v1.0	WG1
S.P0033-0	Realm Configured Packet Data Session Dormancy Timer Stage 1 v1.0	WG1
S.R0034-0	UIM ID Assignment Guidelines v2.0	UIM
S.R0035-0	QoS Stage 1 v2.0	WG1
S.R0037-0	3GPP2 NAM v2.0	WG2
S.R0045-0	Stage 1 template- User Features v1.0	WG1
S.R0046-0	Stage 1 template- System Requirements v1.0	WG1
S.R0047-0	Stage 1 template- Short Form v1.0	WG1
S.R0048-0	MEID Stage 1 v1.0	EQUIP NUM
S.R0050-0	EMS Stage 1 v1.0	WG1
S.R0051-0	3GPP2 Stage 1 Development Process v1.0	WG3
S.S0053-0	Common Cryptographic Algorithms v1.0	WG4
S.S0054-0	Interface Specification for Common Cryptographic Algorithms v1.0	WG4
S.S0055-0	Enhanced Cryptographic Algorithms v1.0	WG4
S.R0057-0	IP Based Service Architecture System Requirements v1.0	WG1

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<b>STATUS OF APPROVED TSG-S SPECIFICATIONS AND REPORTS</b>		
<b>NUMBER</b>	<b>TITLE</b>	<b>RESP</b>
S.R0059-0	Legacy MS Domain Step-1 v1.0	WG1
S.R0060-0	Removable User Identity Module (R-UIM) Mobile Equipment (ME) Interface Testing v1.0	UIM
S.R0065-0	Fast Call Setup Stage 1 v1.0	WG1
S.R0067-0	Enhanced Call Recovery Stage 1 v1.0	WG1
S.R0068-0	LLA_ROHC Stage 1 v1.0	WG1
S.R0069-0	Header Stripping and Generation Stage 1 v1.0	WG1
S.R0070-0	3GPP2 Process Guidelines v1.0	WG1
S.R0071-0	Legacy System Packet Data Surveillance Requirements v1.0	WG4
S.R0072-0	IP System Packet Data Surveillance Requirements v1.0	WG4
S.R0073-0	Internet Over-the-Air Handset Configuration Management v1.0	WG1
S.S0078-0	Common Security Algorithms v1.0	WG4
S.R0080-0	Wide Band Speech Codec for CDMA 2000 Systems Stage 1 v1.0	WG1

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<b>STATUS OF TSG-S PROJECTS IN DEVELOPMENT</b>		
<b>NUMBER</b>	<b>TITLE</b>	<b>RESPONSIBLE</b>
S.P0020-0	Location Information Restriction (LIR) Stage 1	WG1
S.P0036-0	All IP System Capability Guide	WG1
S.P0037-0	3GPP2 NAM	WG2
S.P0038-0	3GPP2 Evolution Document	WG2
S.P0041-0	UIM Support in All IP Networks	UIM ID ADHOC
S.P0044-0	Rescue Channel Stage 1	WG1
S.P0052-0	3GPP2 System Release Guide	WG3
S.P0058-0	IP Multimedia Domain System Requirements	WG1
S.P0061-0	Immediate Messaging	WG1
S.P0062-0	Presence Service	WG1
S.P0063-0	Subscribed Data Rate Stage 1	WG1
S.P0064-0	Multimedia Messaging Stage 1	WG1
S.P0066-0	IP Based Location Services Stage 1	WG1
S.P0074-0	Multimedia File Format Stage 1	WG1
S.P0075-0	Accounting and Auditing Stage 1	WG1
S.P0076-0	Protocol Alignment Reference	WG3
S.P0077-0	3GPP2 Vision Document	VISION ADHOC
S.P0079-0	End-to-End QoS	WG1
S.P0081-0	Wireless Applications Management	WG1
S.P0082-0	Enhanced Packet Data Air Interface Security Stage 1	WG4
S.P0083-0	Broadcast-Multicast Service Security Framework	WG4
S.P0084-0	Packet PrePaid Services Stage 1	WG1
S.P0085-0	3GPP2 Equipment Numbering JEM Report and Conclusions	EQUIP NUM ADHOC
S.P0086-0	3GPP2 Multimedia Domain Security Framework	WG4
S.P0087-0	WLAN - cdma2000 Interworking	WG1

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**3GPP2 QUORUM ROLL CALL**  
**TSG-S (Systems and Services Aspects)**

March 20, 2003

<b>INDIVIDUAL MEMBER COMPANY</b>	<b>Attendance 03/17/2003</b>	<b>Attendance 03/20/2003</b>	<b>Consecutive Mtgs Missed</b>	<b>Voting Status</b>	<b>Quorum Status at Mtg Start</b>
AGILENT TECHNOLOGIES			0	0	0
ALCATEL SHANGHAI BELL			1	1	0
ALLTEL	1		0	1	1
BELL MOBILITY			3	0	0
CHINA UNICOM			1	0	0
CISCO			2	1	1
COMVERSE			3	0	0
DOCOMO US LABORATORIES			0	1	1
ERICSSON			0	1	1
ETRI			3	0	0
FRANCE TELECOM			3	0	0
FUJITSU			0	1	1
HITACHI			3	0	0
HUAWEI			1	0	0
HYUNDAI			1	1	1
KDDI	1		0	1	1
KT FREETEL			1	1	1
KYOCERA	1		0	0	0
LG ELECTRONICS	1		0	1	1
LG TELECOM			2	1	1
LINKAIR			1	0	0
LUCENT	1		0	1	1
MOTOROLA	1		0	1	1
NEC	1		0	1	1
NEXTEL			1	1	1
NOKIA	1		0	1	1
NORTEL NETWORKS	1		0	1	1
QUALCOMM	1		0	1	1
RESEARCH IN MOTION			1	1	1
RITT			1	1	1
SAMSUNG	1		0	1	1
SCHLUMBERSEMA			0	0	0
SPRINT PCS	1		0	1	1
ZTE			3	0	0
<b>TOTALS</b>	<b>11</b>	<b>0</b>			<b>21</b>
<b>QUORUM CALCULATION</b>	<b>52%</b>	<b>0%</b>			
<b>ADDITIONS</b>					
QUICKSILVER TECHNOLOGIES	1				0
					0
					0
					0
					0
<b>OBSERVERS AND GUESTS</b>					
ARIB	1				

**QUORUM STATUS NOTES:**

- HIGHLIGHTED ZERO = Must attend 2 consecutive mtgs to be added to quorum list
- NON-HIGHLIGHTED ZERO = Will be added to quorum list next mtg if they attend
- P = Letter of Proxy in effect