1 **Title:**

2 **APPROVED SUMMARY OF TSG-S MEETING**

3 for 16-19 January 2006 in Vancouver, BC, Canada

4 **Source:**

5 Clifton J. Barber

6 SECRETARY

7 Representing KDDI
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14 **Abstract:**

15 This document is a summary of the 3GPP2 TSG-S meetings that were held during the period of
16 16-19 January 2006 in Vancouver, BC, Canada.

17

18 **Recommendations:**

19 For review and approval.

20

21 **Notice:**

1   During the period of 16-19 January 2006, 3GPP2 TSG-S meetings were held at the Fairmont
2   Hotel 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   16 January 2006 at 2:05 PM local time by TSG-S Chair, Nick Yamasaki (KDDI).

7   The Chair welcomed the participants to Vancouver. He noted that this is the beginning
8   of his second year as TSG-S Chair. He thanked everyone for the participation so far and
9   asked for their continued support.

10   The Chair also expressed the condolences of TSG-S to Jane Brownley (Lucent) and her
11   family on the recent loss of her father.

12   The meeting participants each introduced themselves and were requested to sign-in
13   electronically using the server sign-in facility.

14   2.   ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of TSG-S active
15   companies indicated 13 companies in attendance out of 21 active companies (62%
16   participation). Thus, meeting quorum was achieved.

17   The Secretary noted that no proxy statements had been received for this meeting

18   3.   DISTRIBUTION AND NUMBERING OF CONTRIBUTIONS: Contributions were
19   documented in S00-20060116-000. All contributions were distributed in soft copy format
20   and made available from the LAN based server.

21   4.   ADOPTION OF AGENDA: The proposed agenda (S00-20060116-001) was presented
22   and reviewed. **DECISION: The agenda was approved without objection as**
23   **submitted (S00-20060116-001).**

24   5.   REVIEW AND APPROVAL OF PREVIOUS MEETING SUMMARY: The summary of
25   the December 2005 TSG-S meeting in Maui, HI, USA (S00-20060116-002R1) was
26   presented. **DECISION: This summary was approved as modified by the discussion**
27   **(S00-20060116-002R2). ACTION: All WG Chairs were directed to review the**
28   **project status table in the meeting summary and advise the Secretary of the version**
29   **number being developed for documents in their WG by closing Plenary.**

30   6.   REVIEW OF ACTION ITEMS FROM PREVIOUS MEETING: The following action
31   items were left open from the October 2005 meeting and require additional consideration:
32   None.

33

34   7.   CORRESPONDENCE AND LIAISON REPORTS

35   •   OP: No contributions.

1   •   SC: No contributions.

2   •   3GPP2 SECRETARIAT: The following correspondences were noted from the
3   3GPP2 Secretariat:

4   •   E-mail correspondences regarding SC level review and approval of
5   S.S0086-B v1.0 IMS Security Framework (S00-20060116-021) was
6   presented from the 3GPP2 Secretariat. **ACTION: This contribution**
7   **was remanded to WG4 as FYI.**

8   •   E-mail correspondences regarding SC level review and approval of
9   S.R0112-0 v1.0 - Generic Bootstrapping Architecture System
10   Requirements (S00-20060116-022) was presented from the 3GPP2
11   Secretariat. **ACTION: This contribution was remanded to WG4 as**
12   **FYI.**

13   •   E-mail correspondence dated 14 December 2005 regarding V&V review
14   of S.P0028-xxx-C OAM&P for cdma2000 (S00-20060116-023) was
15   presented from the 3GPP2 Secretariat. **ACTION: This contribution**
16   **was remanded to WG5 as FYI.**

17   •   E-mail correspondence dated 13 December 2005 regarding V&V review
18   of S.P0093-0 v1.14 cdma2000 Network Performance Measurement Types
19   (S00-20060116-024) was presented from the 3GPP2 Secretariat.
20   **ACTION: This contribution was remanded to WG5 as FYI.**

21   •   E-mail correspondences regarding V&V review of S.P0109-0 v0.6
22   Generic Bootstrapping Architecture (GBA) Framework (S00-20060116-
23   025) was presented from the 3GPP2 Secretariat. **ACTION: This**
24   **contribution was remanded to WG4 as FYI.**

25   •   E-mail correspondences regarding V&V review of S.P0110-0 v0.6
26   IP-Based Location Services Security Framework (S00-20060116-026)
27   was presented from the 3GPP2 Secretariat. **ACTION: This contribution**
28   **was remanded to WG4 as FYI.**

29   •   E-mail correspondences regarding V&V review of S.P0114-0 v0.4
30   Security Mechanisms using GBA (S00-20060116-027) was presented
31   from the 3GPP2 Secretariat. **ACTION: This contribution was**
32   **remanded to WG4 as FYI.**

33   •   V&V review comments for S.P0110-0 v0.6 IP-Based Location Services
34   Security Framework (S00-20060116-028) was presented from the 3GPP2
35   Secretariat. **ACTION: This contribution was remanded to WG4 for**
36   **review and action as appropriate.**

37   •   E-mail correspondence dated 2 January 2006 regarding SC level review of
38   three (3) WI worksheets (S00-20060116-029) was presented from the
39   3GPP2 Secretariat. **ACTION: This contribution was remanded to**
40   **WG3 as FYI.**

- E-mail correspondence dated 13 December 2005 regarding SC level adoption of three (3) WI worksheets (S00-20060116-030) was presented from the 3GPP2 Secretariat. **ACTION: This contribution was remanded to WG3 for review and action as appropriate.**

- Correspondence dated 8 December 2005 regarding Proposed Work Item Review (S00-20060116-031) was presented from TSG-S. **ACTION: This contribution was remanded to all WGs for review and comment with comments to be coordinated by WG3.**

- V&V comments regarding C.P0028-xxx-C OAM&P (S00-20060116-032) were presented from the 3GPP2 Secretariat. **ACTION: This contribution was remanded to WG5 for review and action as appropriate.**

- V&V comments regarding S.P0093-0 v1.14 Network Performance Measurement Types (S00-20060116-033) were presented from the 3GPP2 Secretariat. **ACTION: This contribution was remanded to WG5 for review and action as appropriate.**

- 3GPP2 Workplan files (S00-20060116-034) was presented from the 3GPP2 Secretariat. **ACTION: This contribution was remanded to all WGs for review and comment with comments to be coordinated by WG3.**

- TSG-A: The following contributions were discussed:

  - Correspondence dated 9 December 2005 regarding TSG-A Work Item Review (S00-20060116-010) was presented from TSG-A. **ACTION: This contribution was remanded to WG3 for review and action as appropriate.**

  - Correspondence dated 9 December 2005 regarding TSG-A Response on Workplan Questions (S00-20060116-011) was presented from TSG-A. **ACTION: This contribution was remanded to WG3 for review and action as appropriate.**

- TSG-C: The following contributions were discussed:

  - The TSG-C Liaison Report for December 2005 (S00-20060116-003) was presented from the TSG-C Liaison as FYI for TSG-S. **ACTION: All TSG-C WIs that were approved in December 2005 (S00-20060116--003A through S00-20060116-003F) were remanded to WG3 for review and action as appropriate.**

  - The TSG-C Liaison Report for the 11 January 2006 interim Plenary conference call (S00-20060116-036) was presented from the TSG-C Liaison as FYI for TSG-S.

- Correspondence to OMA-DM dated 9 December 2005 regarding WLAN service provisioning (S00-20060116-004) was presented from TSG-C. **ACTION: This contribution was remanded to WG1 and WG3 for review and action as appropriate and WG4 as FYI.**

- Correspondence dated 9 December 2005 regarding review of OMA-DM WLAN LS (S00-20060116-005) was presented from TSG-C. **ACTION: This contribution was remanded to WG4 review and action as appropriate.**

- Correspondence to TSG-A dated 9 December 2005 regarding A.S0008-B and A.S0009-A (IOS HRPD) usage of air interface messages (S00-20060116-006) was presented from TSG-C. **ACTION: This contribution was remanded to WG1 as FYI.**

- Correspondence to TSG-X dated 9 December 2005 regarding correspondence to OMA Liaison on BCMCS (S00-20060116-007) was presented from TSG-C. **ACTION: This contribution was remanded to WG1 and WG3 for review and action appropriate.**

- Correspondence dated 9 December 2005 regarding WI review (S00-20060116-008) was presented from TSG-C. **ACTION: This contribution was remanded to WG3 for review and action appropriate.**

- Correspondence dated 9 December 2005 regarding Stage 1 review (S00-20060116-009) was presented from TSG-C. **ACTION: This contribution was remanded to WG1 for review and action appropriate.**

- TSG-X: The following contributions were discussed from TSG-X:

  - Correspondence dated 9 December 2005 regarding TSG-X Responses to TSG-S Requests for Document Review (S00-20060116-012) was presented from TSG-X. **ACTION: This contribution was remanded to WG1 and WG3 for review and action appropriate.**

  - Correspondence dated 9 December 2005 regarding Telephone Number Mapping ENUM Stage 1 (S00-20060116-013) was presented from TSG-X. **ACTION: This contribution was remanded to WG1 and WG3 for review and action appropriate.**

  - Correspondence to OMA MMSG dated 9 December 2005 regarding Responsibility for the MM10 Stage 3 Specification (S00-20060116-014) was presented from TSG-X. **ACTION: This contribution was remanded to WG3 for review and action appropriate.**

1   •   Correspondence to ITU-R SG8 dated 9 December 2005 regarding Liaison
2   Statement to External Organizations on the Development of a PDNR
3   ITU-R M.[IP CHAR] "Key Technical and Operational Requirements for
4   Access Technologies to Support IP Applications Over Mobile Systems" in
5   Response to Question ITU-R 223-1/8 (S00-20060116-015) was presented
6   from TSG-X. **ACTION: This contribution was remanded to WG1 as**
7   **FYI.**

8   •   Correspondence to IEEE 802.11u dated 9 December 2005 regarding
9   Request for comments on IEEE 802.11u Requirements Document (S00-
10   20060116-016) was presented from TSG-X and TSG-S. **ACTION: This**
11   **contribution was remanded to WG1 as FYI.**

12   •   Correspondence to OMA BCAST dated 9 December 2006 regarding
13   OMA BCAST LS dated 17 October 2005 on the Mobile Broadcast
14   Services Specifications (S00-20060116-017) was presented from TSG-X
15   and TSG-S. **ACTION: This contribution was remanded to WG1 and**
16   **WG3 as FYI.**

17   •   Correspondence dated 16 January 2006 regarding S.R0006 and TIA-664
18   (S00-20060116-039) was presented from TSG-X. **ACTION: This**
19   **contribution was remanded to WG1 for review and action as**
20   **appropriate.**

21   •   Correspondence dated 16 January 2006 regarding Release 4 Release
22   Critical Work Items Open Issues (S00-20060116-040) was presented from
23   TSG-X. **ACTION: This contribution was remanded to WG3 for**
24   **review and action as appropriate.**

25   •   Correspondence dated 16 January 2006 regarding Expanded UIMID
26   Format Position (S00-20060116-041) was presented from TSG-X.
27   **ACTION: This contribution was remanded to the Numbering AdHoc**
28   **for review and action as appropriate.**

29   •   TR45: The following contributions were discussed:

30   •   Correspondence dated 5 January 2006 regarding Transposition of TSG-S
31   Documents (S00-20060116-018) was presented from TIA TR45 AHAG.
32   This correspondence noted AHAG considerations to recommend a new
33   TR45 subcommittee to transpose TSG-S documents and is requesting
34   information related to that recommendation. **ACTION: This**
35   **contribution was remanded to all WGs for review and comments to be**
36   **coordinated by WG3.**

37   •   Correspondence dated 14 December 2005 regarding TSB-151 and
38   S.R0037 (S00-20060116-019) was presented from TIA TR45.2.
39   **ACTION: This contribution was remanded to WG2 for review and**
40   **action as appropriate.**

1   • TIA Ballot Comments on S.P0110 (TIA PN-3-0221-A) IP-Based Location
2   Services Security Framework (S00-20060116-035) was presented from
3   TIA TR45 AHAG. **ACTION: This contribution was remanded to**
4   **WG4 for review and action as appropriate.**

5   • ITU: E-mail correspondence dated 1 January 2006 regarding Workshop
6   Invitation (S00-20060116-020) was presented from ITU-T SG4. **ACTION: This**
7   **contribution was remanded to WG5 as FYI.**

8   • 3GPP: No contributions.

9   • 3GPP-SA5 and T1M1: No contributions.

10   • WiFi Alliance/IEEE 802: No contributions.

11   • OMA (Open Mobile Alliance): An LS dated 8 January 2006 regarding
12   OMA-REQ-Liaison Statement to 3GPP/PP2 requesting support for PoC Session
13   Priority Access Levels (S00-20060116-038) was presented from OMA REQ.
14   **ACTION: This contribution was remanded to WG1 and WG3 for review**
15   **and action as appropriate. WG1 will also coordinated the response to OMA**
16   **REQ with support from TSG-X and TSG-C.**

17   • CDG: Correspondence dated 11 January 2006 regarding TSG-S Request for
18   Input on S.P0113-0 Enhanced cdma2000 SRD (S00-20060116-037) was
19   presented from CDG. **ACTION: This contribution was remanded to WG1**
20   **for review and action as appropriate with a request that the MRPs be**
21   **updated with the latest working version of the SRD.**

22   • OTHER: No contributions.

23   8.   NEW/OLD BUSINESS: No contributions.

24   9.   WG BUSINESS:

25   • WG1 ISSUES: No additional contributions or issues were noted.

26   • WG2 ISSUES: No additional contributions or issues were noted.

27   • WG3 (PMT) ISSUES: No additional contributions or issues were noted.

28   • WG4 ISSUES: No additional contributions or issues were noted.

29   • WG5 ISSUES: No additional contributions or issues were noted.

30   • EQUIPMENT NUMBERING ADHOC ISSUES: The Numbering AdHoc Chair,
31   Alex Gogic (QUALCOMM), recommended the appointment of a Vice Chair for
32   that group. **DECISION: Takatsugu Kito (KDDI) was appointed as the Vice**
33   **Chair of the Numbering AdHoc.**

34   The Plenary was recessed on 16 January 2006 at 4:00 PM local time.

35

36

1   **CLOSING PLENARY**

2   The Plenary was reconvened on 19 January 2006 at 1:45 PM local time by TSG-S Chair, Nick
3   Yamasaki (KDDI).

4   Quorum had been established at the opening Plenary and was not challenged at this session.
5   Two (2) additional 3GPP2 individual member companies were noted in attendance.

6

7   10.   WORKING GROUP REPORTS:

8   •   WG1 Report (S00-20060116-101R2) was presented by the WG1 Chair, Alex
9   Gogic (QUALCOMM), as FYI.

10 •   Progressed the development of the following documents:
11   •   S.P0079-A End-to-end Quality of Service Stage 1 Revision A
12   •   S.P0087-A WLAN Interworking Stage 1 Revision A
13   •   S.P0108-0 HRPD-cdma2000-1X Interworking
14   •   S.P0113-0 Enhanced cdma2000 SRD
15   •   S.P0115-0 Emergency Call Support on HRPD
16   •   S.P0117-0 Multimedia Priority Services
17   •   Telephone Number Mapping (ENUM)

18 •   A conference call to discuss S.P0115-0 Emergency Call Support on HRPD
19   was scheduled for 7 February 2006 during the 3:00-5:00 PM timeframe
20   US central time. However, this conference call was subsequently
21   canceled.

22 •   A joint TSG conference call to discuss PoC priority issues in response to
23   OMA REQ correspondence has been scheduled for 15 February 2006
24   during the 6:00-8:00 PM timeframe US central time.

25 •   The WG1 advised that the WG1 Vice Chair, Shou Gung (Nokia), had to
26   resign his position due to a reassignment of priorities within his company.
27   The TSG-S Chair and WG1 Chair both thanked Shou for his efforts.

28 **ACTION: Volunteers are being solicited for the position of WG1 Vice Chair.**
29 **Interested parties should contact WG1 Chair, Alex Gogic (QUALCOMM).**

30 **DECISION: Proposed correspondence to TSG-X regarding the development**
31 **of HRPD Emergency Service Support Stage 1 (S00-20060116-117R1) was**
32 **approved without objection for transmission.**

33 **DECISION: Proposed correspondence to TSG-X regarding options for**
34 **S.P0006 and TIA-664 (S00-20060116-118) was approved without objection**
35 **for transmission.**

36 **DECISION: Proposed correspondence to TIA requesting editable version of**
37 **TIA-664 (S00-20060116-119R1) was approved without objection for**
38 **transmission.**

1   **DECISION: S.P0087-A v.0.8 WLAN Interworking Stage 1 (S00-20060116-**
2   **113) was approved without objection for V&V review by the 3GPP2 OPs**
3   **with comments due on or before 17 February 2006.**

4   **DECISION: S.P0108-0 v.17 HRPD-cdma2000 1x Interworking System**
5   **Requirements (S00-20060116-114) was approved without objection for V&V**
6   **review by the 3GPP2 OPs with comments due on or before 17 February**
7   **2006.**

8   **DECISION: Proposed correspondence to TSG-C regarding their comments**
9   **on S.P0087-A and S.P0108-0 (S00-20060116-115R1) was approved without**
10   **objection for transmission with S00-20060116-113 and S00-20060116-114**
11   **attached.**

12   **DECISION: Proposed correspondence to TSG-C and TSG-X regarding**
13   **joint teleconference or 14 February 2006 to address requirements from**
14   **OMA REQ related to PoC priority (S00-20060116-120R1) was approved**
15   **without objection for transmission with its attachment.**

16   **DECISION: S.P0113-0 v0.07 Enhanced cdma2000 SRD (S00-20060116-109)**
17   **was approved without objection for TSG review.**

18   **DECISION: Proposed correspondence to TSG-C regarding response to**
19   **S.P0113-0 comments from TSG-C (S00-20060116-110) was approved without**
20   **objection for transmission with its attachments.**

21   **DECISION: Proposed correspondence to all TSG-C regarding TSG review**
22   **of S.P0113-0 (S00-20060116-111) was approved without objection for**
23   **transmission with S00-20060116-109 attached.**

24   **DECISION: Proposed correspondence to 3GPP2 MRPs regarding Status**
25   **Update for S.P0113-0 Enhanced cdma2000 SRD (S00-20060116-112) was**
26   **approved without objection for transmission with S00-20060116-109**
27   **attached.**

28   **DECISION: S.P0117-0 v0.02 Multimedia Priority Service (MMPS) for**
29   **IMS-based Networks Stage 1 Requirements (S00-20060116-107) was**
30   **approved without objection for TSG review.**

31   **DECISION: Proposed correspondence to all TSGs regarding TSG review of**
32   **S.P0117-0 MMPS for IMS-based Networks Stage 1 (S00-20060116-108) was**
33   **approved without objection for transmission with S00-20060116-107**
34   **attached.**

35   **DECISION: Assignment of document number S.P0118-0 was approved**
36   **without objection for Telephone Number Mapping (ENUM) Stage 1.**

37   **DECISION: S.P0118-0 Telephone Number Mapping (ENUM) Stage1**
38   **(S00-20060116-127) was approved without objection for TSG review pending**
39   **the Secretary's addition of the newly assigned document number and header**
40   **correction.**

1   **DECISION: Proposed correspondence to all TSGs regarding TSG review of**
2   **S.P0118-0 Telephone Number Mapping (ENUM) Stage 1 (S00-20060116-126)**
3   **was approved without objection for transmission with S00-20060116-127**
4   **attached pending the Secretary's addition of the newly assigned document**
5   **number.**

6   •   WG2 Report (S00-20060116-102) was presented by WG2 Chair, John Kay
7   (Motorola), as FYI.

8   •   Noted that the publication of S.P0037-0 v.4.0 All IP NAM is on hold until
9   referenced documents are published.

10   •   Progressed the development of S.P0037-A All IP NAM

11   **DECISION: Proposed correspondence to TR-45.2 regarding TSB-151 and**
12   **S.P0037 All IP NAM (S00-20060116-116R1) was approved without objection**
13   **for transmission.**

14   •   WG3 PMT Report (S00-20060116-103) was noted by PMT Chair, Eileen
15   Hadwen (NEC), as FYI. This report was not reviewed in detail.

16   **DECISION: The following WIs were approved without objection for TSG**
17   **review as distributed by the PMT Manager:**

18   •   **3GPP2-00050-A: End-to-End IP QoS (S00-20060116-103C)**

19   •   **3GPP2-00138: Revision of C.R1001-F (S00-20060116-103D)**

20   •   **3GPP2-00139: Bug Fix for C.S0010-C v2.0 (S00-20060116-103E)**

21   •   **3GPP2-00140: Bug Fix for C.S0011-C v2.0 (S00-20060116-103F)**

22   •   **3GPP2-00141: Bug Fix for C.S0032-A v2.0 (S00-20060116-103G)**

23   •   **3GPP2-00142: Bug Fix for C.S0033-A v2.0 (S00-20060116-103H)**

24   •   **3GPP2-00143: Bug Fix for C.S0057-B v1.0 (S00-20060116-103I)**

25   •   **3GPP2-00145: PDANE Packet Data Access Network Evolution (S00-**
26   **20060116-103O)**

27   **Based on the discussion, release of 3GPP2-00144: A-Flex (S00-20060116-**
28   **103J) for TSG review was withheld pending further review related to the**
29   **impacts on the air interface and TSG-C.**

30   **DECISION: The following WIs were approved without objection for SC**
31   **level review as distributed by the PMT Manager as available from the**
32   **3GPP2 website unless indicated as a contribution number below:**

33   •   **3GPP2-00130: HRPD Emergency Call Support (S00-20060116-103K)**

34   •   **3GPP2-00131: EVRC-B (S00-20060116-103L)**

35   •   **3GPP2-00132: R-UIM Remote Management (S00-20060116-103M)**

36   •   **3GPP2-00126: SMS Revision (S00-20060116-103NR1)**

37   •   **3GPP2-00133: Alt-PPP**

1   • **3GPP2-00134: PS-NGN**

2   **ACTION: Nokia took an action to resolve the outstanding concerns detailed**
3   **as Plenary action 6 in the WG3 Report (S00-20060116-103).**

4   **DECISION: Proposed correspondence to all TSGs and MRPs announcing a**
5   **Joint Session to Review SC.R2004-002 v0.2 System Release Guide for the**
6   **(R4) Release of the cdma2000 System Specifications (S00-20060116-124R1)**
7   **was approved without objection for transmission with its attachment**
8   **pending input of missing MRP addresses by the Secretary.**

9   **DECISION: Proposed correspondence to TR45 regarding consideration of**
10   **TIA request for formulating group to transpose TSG-S documents (S00-**
11   **20060116-129R1) was approved without objection for transmission.**

12   •   WG4 Report (S00-20060116-104) was presented by WG4 Chair, Adrian Escott
13   (QUALCOMM), as FYI.

14   •   Progressed the development of the following documents:

15   •   S.P0109-0, S.P0112-0, S.P0114-0 GBA

16   •   S.P0110-0 IP-based Location Security Framework

17   •   S.P0110-0 ready for SC review but not submitted to Plenary this time to
18   give TIA chance to consider the changes.

19   **DECISION: Proposed correspondence to TIA on Ballot Comments on**
20   **S.P0110-0 IP-based Location Services Security Framework (S00-20060116-**
21   **125) was approved without objection for transmission with its attachments.**

22   •   WG5 Report (S00-20060116-105) was presented by John Kay (Motorola), as
23   FYI.

24   •   Progressed the development of the following documents:

25   •   S.R0017 "3G Wireless Network Management System High Level
26   Requirements"

27   •   S.P0028-xxx-C "OAM&P for cdma2000 (3GPP R6 Delta
28   Specification)"

29   •   Definition of Performance Measurement Types

30   **DECISION: S.P0028-xxx-C OAM&P (5 volumes) (S00-20060116-121A**
31   **through E) was approved without objection for publication as S.S0028-xxx-C**
32   **v1.0.**

33   **DECISION: S.P0093-0 v1.15 cdma2000 Network Performance Measurement**
34   **Types (S00-20060116-122) was approved without objection for publication as**
35   **S.S0093- v2.0.**

36   **DECISION: Proposed LS to 3GPP SA5 on Comments & questions**
37   **regarding 3GPP SA5 R6 IRP definitions (S00-20060116-123) was approved**
38   **without objection for transmission.**

1   •   The Equipment Numbering AdHoc Report (S00-20060116-106) was presented by
2   AdHoc Chair, Alex Gogic (QUALCOMM), as FYI.

3   •   Progressed the development of the following projects:
4   •   SC.R4002 MEID GHA Assignment Guidelines and Procedures
5   •   Expanded UIM Identifier

6   **DECISION: SC.R4002-0 v2.1 GHA Assignment Guidelines and Procedures**
7   **(S00-20060116-130) was approved without objection for V&V review with its**
8   **attachment by the 3GPP2 OPs with comments due on or before 17 February**
9   **2006.**

10   **DECISION: Proposed correspondence to TSG-X regarding proposal for**
11   **Expanded R-UIMID Format (S00-20060116-131) was approved without**
12   **objection for transmission.**

13   **ACTION: Correspondence dated 16 January 2006 regarding Expanded**
14   **UIMID Format Position (S00-20060116-041) from TSG-X was remanded to**
15   **WG1 for review and action as appropriate**.

16   11.   ADDITIONAL CORRESPONDENCES AND LIAISON REPORTS:

17   •   OP: No contributions.

18   •   SC: No contributions.

19   •   3GPP2 SECRETARIAT: No contributions.

20   •   TSG-A: No contributions.

21   •   TSG-C: No contributions.

22   •   TSG-X: The following contributions were discussed:

23   •   Correspondence dated 18 January 2006 regarding Comments on
24   3GPP2-00126 (SMS Revision) (S00-20060116-128) was presented from
25   TSG-X. **ACTION: This contribution was remanded to WG3 for**
26   **review and action as appropriate.**

27   •   Correspondence to WiFi Alliance dated 18 January 2006 regarding
28   Liaison relationship between 3GPP2 TSG-X and WiFi Alliance
29   (S00-20060116-132) was presented from TSG-X. **ACTION: This**
30   **contribution was remanded to WG1 for review and action as**
31   **appropriate.**

32   •   TR45: No contributions.

33   •   TR45 AHAG: No contributions.

34   •   ITU: No contributions.

35   •   3GPP: No contributions.

36   •   3GPP-SA5 and T1M1: No contributions.

1   •   WiFi Alliance/IEEE 802: No contributions.

2   •   OMA (Open Mobile Alliance): No contributions.

3   •   CDG: No contributions.

4   •   OTHER: No contributions.

5   12.   NEW BUSINESS (continued): No contributions.

6   13.   OLD BUSINESS (continued):

7   •   The TSG-S Document Status Table (S00-20060116-100) was presented and
8   reviewed. **DECISION: This contribution was approved (S00-20060116-100)**
9   **pending final review by WG Chairs and document Editors by COB next**
10   **Tuesday.**

11   14.   ADMINISTRATION AND OTHER BUSINESS:

12   •   The future meeting schedule for TSG-S is noted as follows:

20-23 February 2006	The Shilla Jeju Hotel in Cheju, Korea
27-30 March 2006	Dallas Addison Marriott Quorum in Dallas, TX, USA
24-27 April 2006	Fairmont Kansas City in Kansas City, MO

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14   •   Although not explicitly reviewed during the meeting, the assignments, other than
15   document remands, that were not completed at this meeting are summarized as
16   follows:

17   1.   Volunteers are being solicited for the position of WG1 Vice Chairs.
18   Interested parties should contact WG1 Chair, Alex Gogic
19   (QUALCOMM).

20   2.   Nokia took an action to resolve the outstanding concerns detailed as
21   Plenary action 6 in the WG3 Report (S00-20060116-103).

22   This meeting was adjourned on 19 January 2006 at approximately 5:15 PM local time.

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

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY - 3GPP2-S00-20060116-			
000	CONTRIBUTION REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVAL
002	Meeting Summary - December 2005 - Maui, HI, USA	SECRETARY	APPROVAL
003	TSG-C Liaison Report - December 2005	TSG-C LIAISON	FYI
004	Correspondence to OMA-DM dated 9 December 2005 regarding WLAN service provisioning	TSG-C	WG1, WG3, WG4
005	Correspondence dated 9 December 2005 regarding review of OMA-DM WLAN LS	TSG-C	WG4
006	Correspondence to TSG-A dated 9 December 2005 regarding A.S0008-B and A.S0009-A (IOS HRPD) usage of air interface messages	TSG-C	WG1
007	Correspondence to TSG-X dated 9 December 2005 regarding correspondence to OMA Liaison on BCMCS	TSG-C	WG1, WG3
008	Correspondence dated 9 December 2005 regarding WI review	TSG-C	WG3
009	Correspondence dated 9 December 2005 regarding Stage 1 review	TSG-C	WG1
010	Correspondence dated 9 December 2005 regarding TSG-A Work Item Review	TSG-A	WG3
011	Correspondence dated 9 December 2005 regarding TSG-A Response on Workplan Questions	TSG-A	WG3
012	Correspondence dated 9 December 2005 regarding TSG-X Responses to TSG-S Requests for Document Review	TSG-X	WG1, WG3
013	Correspondence dated 9 December 2005 regarding Telephone Number Mapping ENUM Stage 1	TSG-X	WG1, WG3
014	Correspondence to OMA MMSG dated 9 December 2005 regarding Responsibility for the MM10 Stage 3 Specification	TSG-X	WG3
015	Correspondence to ITU-R SG8 dated 9 December 2005 regarding Liaison Statement to External Organizations on the Development of a PDNR ITU-R M.[IP CHAR] "Key Technical and Operational Requirements for Access Technologies to Support IP Applications Over Mobile Systems" in Response to Question ITU-R 223-1/8	TSG-X	WG1

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NUMBER	SUBJECT	SOURCE	ACTION
016	Correspondence to IEEE 802.11u dated 9 December 2005 regarding Request for comments on IEEE 802.11u Requirements Document	TSG-X/TSG-S	WG1
017	Correspondence to OMA BCAST dated 9 December 2006 regarding OMA BCAST LS dated 17 October 2005 on the Mobile Broadcast Services Specifications	TSG-X/TSG-S	WG1, WG3
018	Correspondence dated 5 January 2006 regarding Transposition of TSG-S Documents	TIA TR45 AHAG	ALL WGs
019	Correspondence dated 14 December 2005 regarding TSB-151 and S.R0037	TIA TR45.2	WG2
020	E-mail correspondence dated 1 January 2006 regarding Workshop Invitation	ITU-T SG4	WG5
021	E-mail correspondences regarding SC level review and approval of S.S0086-B v1.0 IMS Security Framework	3GPP2 SECRETARIAT	WG4
022	E-mail correspondences regarding SC level review and approval of S.R0112-0 v1.0 - Generic Bootstrapping Architecture System Requirements	3GPP2 SECRETARIAT	WG4
023	E-mail correspondence dated 14 December 2005 regarding V&V review of S.P0028-xxx-C OAM&P for cdma2000	3GPP2 SECRETARIAT	WG5
024	E-mail correspondence dated 13 December 2005 regarding V&V review of S.P0093-0 v1.14 cdma2000 Network Performance Measurement Types	3GPP2 SECRETARIAT	WG5
025	E-mail correspondences regarding V&V review of S.P0109-0 v0.6 Generic Bootstrapping Architecture (GBA) Framework	3GPP2 SECRETARIAT	WG4
026	E-mail correspondences regarding V&V review of S.P0110-0 v0.6 IP-Based Location Services Security Framework	3GPP2 SECRETARIAT	WG4
027	E-mail correspondences regarding V&V review of S.P0114-0 v0.4 Security Mechanisms using GBA	3GPP2 SECRETARIAT	WG4
028	V&V review comments for S.P0110-0 v0.6 IP-Based Location Services Security Framework	3GPP2 SECRETARIAT	WG4
029	E-mail correspondence dated 2 January 2006 regarding SC level review of three (3) WI worksheets	3GPP2 SECRETARIAT	WG3
030	E-mail correspondence dated 13 December 2005 regarding SC level adoption of three (3) WI worksheets	3GPP2 SECRETARIAT	WG3
031	Correspondence dated 8 December 2005 regarding Proposed Work Item Review	3GPP2 SECRETARIAT	ALL WGs
032	V&V comments regarding C.P0028-xxx-C OAM&P	3GPP2 SECRETARIAT	WG5

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NUMBER	SUBJECT	SOURCE	ACTION
033	V&V comments regarding S.P0093-0 v1.14 Network Performance Measurement Types	3GPP2 SECRETARIAT	WG5
034	3GPP2 Workplan files	3GPP2 SECRETARIAT	ALL WGs
035	TIA Ballot Comments on S.P0110 (TIA PN-3-0221-A) IP-Based Location Services Security Framework	TIA TR45 AHAG	WG4
036	TSG-C Liaison Report for 11 January 2006 interim Plenary	TSG-C LIAISON	FYI
037	Correspondence dated 11 January 2006 regarding TSG-S Request for Input on S.P0113-0 Enhanced cdma2000 SRD	CDG	WG1
038	LS dated 8 January 2006 regarding OMA-REQ-Liaison Statement to 3GPP/PP2 requesting support for PoC Session Priority Access Levels	OMA REQ	WG1, WG3
039	Correspondence dated 16 January 2006 regarding S.R0006 and TIA-664	TSG-X	WG1
040	Correspondence dated 16 January 2006 regarding Release 4 Release Critical Work Items Open Issues	TSG-X	WG3
041	Correspondence dated 16 January 2006 regarding Expanded UIMID Format Position	TSG-X	NUMBERING ADHOC
CLOSING PLENARY - 3GPP2-S00-20060116-			
100	Document Status Table	WG1	APPROVED
101	WG1 Report	WG1	FYI
102	WG2 Report	WG2	FYI
103	PMT Report	WG3	FYI WIs APPROVED
104	WG4 Report	WG4	FYI
105	WG5 Report	WG5	FYI
106	Numbering AdHoc Report	NUMBERING ADHOC	FYI
107	S.P0117-0 v0.02 Multimedia Priority Service (MMPS) for IMS-based Networks Stage 1 Requirements proposed TSG review text	WG1	APPROVED
108	Proposed correspondence to all TSGs regarding TSG review of S.P0117-0 MMPS for IMS-based Networks Stage 1	WG1	APPROVED
109	S.P0113-0 v0.07 Enhanced cdma2000 SRD proposed TSG review text	WG1	APPROVED
110	Proposed correspondence to TSG-C regarding response to S.P0113-0 comments from TSG-C	WG1	APPROVED

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NUMBER	SUBJECT	SOURCE	ACTION
111	Proposed correspondence to all TSG-C regarding TSG review of S.P0113-0	WG1	APPROVED
112	Proposed correspondence to 3GPP2 MRPs regarding Status Update for S.P0113-0 Enhanced cdma2000 SRD	WG1	APPROVED
113	S.P0087-A v.0.8 WLAN Interworking Stage 1 proposed V&V text	WG1	APPROVED
114	S.P0108-0 v.17 HRPD-cdma2000 1x Interworking System Requirements proposed V&V text	WG1	APPROVED
115	Proposed correspondence to TSG-C regarding their comments on S.P0087-A and S.P0108-0	WG1	APPROVED R1
116	Proposed correspondence to TR-45.2 RE: TSB-151 and S.P0037	WG2	APPROVED R1
117	Proposed correspondence to TSG-X regarding the development of HRPD Emergency Service Support Stage 1	WG1	APPROVED R1
118	Proposed correspondence to TSG-X regarding options for S.P0006 and TIA-664	WG1	APPROVED
119	Proposed correspondence to TIA requesting editable version of TIA-664	WG1	APPROVED R1
120	Proposed correspondence to TSG-C and TSG-X regarding joint teleconference February 14, 2006 to address requirements from OMA REQ related to PoC priority	WG1	APPROVED R1
121	S.P0028-xxx-C OAM&P proposed publication text (5 volumes)	WG5	APPROVED
122	S.P0093-0 v1.15 cdma2000 Network Performance Measurement Types proposed publication text	WG5	APPROVED
123	Proposed LS to 3GPP SA5 on Comments & questions regarding 3GPP SA5 R6 IRP definitions	WG5	APPROVED
124	Proposed correspondence to all TSGs announcing a Joint Session to Review SC.R2004-002 v0.2, "System Release Guide for the (R4) Release of the cdma2000 System Specifications	WG3	APPROVED R1
125	Proposed correspondence to TIA on Ballot Comments on S.P0110-0 IP-based Location Services Security Framework	WG4	APPROVAL
126	Proposed correspondence to all TSGs regarding TSG review of Telephone Number Mapping (ENUM) Stage 1	WG1	APPROVED
127	Telephone Number Mapping (ENUM) Stage1proposed TSG review text	WG1	APPROVED

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NUMBER	SUBJECT	SOURCE	ACTION
128	Correspondence dated 18 January 2006 regarding Comments on 3GPP2-00126 (SMS Revision)	TSG-X	WG3
129	Proposed correspondence to TR45 regarding consideration of TIA request for formulating group to transpose TSG-S documents	WG3	APPROVED R1
130	SC.R4002-0 v2.1 GHA Assignment Guidelines and Procedures proposed V&V text	NUMBERING ADHOC	APPROVED
131	Proposed correspondence to TSG-X regarding proposal for Expanded R-UIM-ID Format	NUMBERING ADHOC	APPROVED
132	Correspondence to WiFi Alliance dated 18 January 2006 regarding Liaison relationship between 3GPP2 TSG-X and WiFi Alliance	TSG-X	WG1

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PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	**TITLE**	**RESP**
S.R0003-0	3GPP2 System Capability Guide v1.0	WG1
S.R0003-A	3GPP2 System Capability Guide v1.0	WG1
S.R0004-0	3GPP2 Service Implementation Guide v1.0	WG1
S.R0005-A	3GPP2 Network Reference Model (Rev. A) v1.0	WG2
S.R0005-B	3GPP2 Network Reference Model (Rev. B) v1.0	WG2
S.R0006-0	Cellular Features Description (TIA/EIA-664-A Rev A) v1.0	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 ID ADHOC
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) v1.0	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 v3.0	WG5
S.S0028-xxx-B	OAM&P Specification v2.0 - parts 000 through 0004	WG5
S.S0028-xxx-C	OAM&P Specification v1.0 - parts 000 through 0004	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.R0030-A	Broadcast Multicast Services Stage 1 v1.0	WG1

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PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	**TITLE**	**RESP**
S.R0032-0	ESA and ESP Stage 1 v1.0	WG1
S.R0033-0	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	RESCINDED: Superseded by S.R0079-0	WG1
S.R0037-0	3GPP2 NAM v3.0	WG2
S.R0038-0	3GPP2 Evolution Document v2.0	WG2
S.R0045-0	RESCINDED 21 July 2005	WG1
S.R0046-0	RESCINDED 21 July 2005	WG1
S.R0047-0	RESCINDED 21 July 2005	WG1
S.R0048-0	MEID Stage 1 v1.0	NUM ADHOC
S.R0048-A	MEID Stage 1 v4.0	NUM ADHOC
S.R0050-0	RESCINDED 21 July 2005	WG1
S.R0051-0	EMS Stage 1 v1.0	WG1
S.R0052-0	3GPP2 System Release Guide 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.S0055-A	Enhanced Cryptographic Algorithms v3.0	WG4
S.R0057-0	IP Based Service Architecture System Requirements v1.0	WG1
S.R0058-0	IP Multimedia Domain System Requirements v1.0	WG1
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 ID ADHOC
S.R0061-0	Immediate Messaging v1.0	WG1
S.R0062-0	Presence Service v1.0	WG1
S.R0064-0	Multimedia Messaging Stage 1 v1.0	WG1
S.R0064-A	Multimedia Messaging Stage 1 v1.0	WG1
S.R0065-0	Fast Call Setup Stage 1 v1.0	WG1
S.R0066-0	IP Based Location Services 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.R0070-A	PUBLISHED AS SC.R1003-0	WG3
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.R0074-0	Multimedia File Format Stage 1 v1.0	WG1

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PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	**TITLE**	**RESP**
S.R0075-0	Accounting and Auditing Stage 1 v1.0	WG1
S.R0077-0	3GPP2 Vision Document - PUBLISHED AS SC.R5001-0	VISION ADHOC
S.S0078-0	Common Security Algorithms v1.0	WG4
S.S0078-A	Common Security Algorithms v3.0	WG4
S.R0079-0	End-to-End QoS Stage 1 v1.0	WG1
S.R0080-0	Wide Band Speech Codec for CDMA 2000 Systems Stage 1 v1.0	WG1
S.R0082-0	Enhanced Packet Data Air Interface Security Stage 1 v1.0	WG4
S.R0083-0	Broadcast-Multicast Service Security Framework v1.0	WG4
S.S0083-A	Broadcast-Multicast Service Security Framework v1.0	WG4
S.R0084-0	Packet PrePaid Services Stage 1 v1.0	WG1
S.S0086-0	3GPP2 IMS Security Framework v1.0	WG4
S.S0086-A	3GPP2 IMS Security Framework v1.0	WG4
S.S0086-B	3GPP2 IMS Security Framework v1.0	WG4
S.R0087-0	WLAN - cdma2000 Interworking v1.0	WG1
S.R0088-0	PUBLISHED AS SC.R4001-0	NUM ADHOC
S.R0089-0	PUBLISHED AS SC.R4002-0	NUM ADHOC
S.R0090-0	Network Initiated Data Sessions (NIDS) v1.0	WG1
S.R0092-0	LMSD Step 2 Stage 1 v1.0	WG1
S.S0093-0	cdma2000 Network Performance Measurement Types v2.0	WG5
S.R0094-0	Rm Interface Enhancements v1.0	WG1
S.R0095-0	Support for ISIM on UICC v1.0	WG1
S.R0096-0	TrFO v1.0	WG1
S.R0097-0	PUBLISHED AS SC.R1001-0	WG3
S.R0099-0	PUBLISHED AS SC.R1002-0	WG3
S.R0100-0	System Requirements for PoC v1.0	WG1
S.R0101-0	IOTA DM Stage 1 v1.0	WG1
S.R0102-0	PUBLISHED AS SC.P2001-0	WG3
S.R0103-0	Network Firewall Configuration and Control Stage 1 v1.0	WG1
S.R0104-0	HAT Authentication System Requirements v1.0	WG1
S.R0105-0	Hotlining System Requirements v1.0	WG1
S.R0106-0	Packet Switched Video Telephony (PSVT) Stage 1 v1.0	WG1
S.R0111-0	Expanded R-UIM Identifier Stage 1 v1.0	WG1
S.R0112-0	General Bootstrapping Architecture (GBA) Stage 1 Requirements v1.0	WG1

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TSG-S PROJECTS IN DEVELOPMENT		
NUMBER	**TITLE**	**RESP**
S.P0020-0	Location Information Restriction (LIR) Stage 1	WG1
S.P0036-0	All IP System Capability Guide	WG1
S.P0037-0	3GPP2 NAM v4.0	WG2
S.P0041-0	UIM Support in All IP Networks	UIM ID ADHOC
S.P0044-0	Rescue Channel Stage 1	WG1
S.P0063-0	RESCINDED	WG1
S.P0076-0	Protocol Alignment Reference	WG3
S.P0081-0	Wireless Applications Management	WG1
S.P0085-0	3GPP2 Equipment Numbering JEM Report and Conclusions - WITHDRAWN TO BE INCLUDED AS AN ANNEX IN S.R0048 MEID STAGE 1	NUM ADHOC
S.P0087-A	WLAN - cdma2000 Interworking	WG1
S.P0091-0	WITHDRAWN	
S.P0098-0	RESCINDED - 2/17/05 - Functionality included in X.P0028	WG4
S.P0107-0	RESCINDED - 4/20/05 - Unsponsored WI	WG1
S.P0108-0	HRPD-cdma2000 1x Interworking System Requirements	WG1
S.P0109-0	General Bootstrapping Architecture (GBA) Stage 2/3 specification	WG4
S.P0110-0	Location Services Security Framework Report	WG4
S.P0113-0	Enhanced cdma2000 SRD	WG1
S.P0114-0	Security Mechanisms Using GBA	WG4
S.P0115-0	Emergency Call Support on HRPD Stage 1	WG1
S.P0116-0	PPP-Free Operation Stage 1	WG1
S.P0117-0	Multimedia Priority Services Stage 1	WG1
S.P0118-0	Telephone Number Mapping (ENUM) Stage1	WG1

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2   **3GPP2 QUORUM ROLL CALL**
     TSG-S (Systems and Services Aspects)
        Vancouver, BC, Canada
          19-Jan-06

INDIVIDUAL MEMBER COMPANY	Attendance 1/16/2006	Attendance 1/19/2006	Consecutive Mtgs Missed	Voting Status	Quorum Status at Mtg Start
AIRVANA			3	0	**0**
ALLTEL	1		0	1	1
AXALTO			0	1	1
BELL CANADA			3	0	**0**
CHINA UNICOM			3	0	**0**
COMVERSE			3	0	**0**
DOCOMO US LABORATORIES			3	0	**0**
ERICSSON			0	1	1
FUJITSU	1		0	1	1
GEMPLUS			2	0	**0**
HUAWEI	1		3	0	**0**
HEWLETT PACKARD		1	0	1	1
HITACHI			3	0	**0**
KDDI	1		0	1	1
KYOCERA	1		0	1	1
LG ELECTRONICS	1		0	1	1
LG TELECOM		1	0	1	1
LUCENT	1		0	1	1
MOTOROLA	1		0	1	1
NEC	1		0	1	1
NOKIA	1		0	1	1
NORTEL NETWORKS	1		0	1	1
QUALCOMM	1		0	1	1
RESEARCH IN MOTION			2	1	1
SAMSUNG	1		0	1	1
SPRINT/NEXTEL	1		0	1	1
TELCORDIA	1		0	1	0
VERIZON WIRELESS			2	0	**0**
TOTALS	13	2		21	21
QUORUM CALCULATION	62%	10%			
ADDITIONS					
					0
					0
					0
					0
					0
OBSERVERS AND GUESTS					
ARIB	1				
CDG	1				

QUORUM STATUS NOTES:

- HIGHLIGHTED ZERO = Must attend 2 consecutive mtgs to be added to quorum list

- NON-HIGHLIGHTED ZERO = Will be added to quorum list next mtg if they attend

P = Letter of Proxy in effect

TSG-S_MtgSum-0601-Vancouver.lwp