

1 **Title:**

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

3 for 20-23 February 2006 in Jeju, Korea

4 **Source:**

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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 20-23 February 2006 in Jeju, Korea.

18 **Recommendations:**

19 For review and approval.

21 **Notice:**

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32 the Committee as a basis for discussion and is not to be construed as a binding proposal on KDDI. KDDI
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34 KDDI other than provided in the copyright statement above.

1 During the period of 20-23 February 2006, 3GPP2 TSG-S meetings were held at the Jeju Shilla
2 Hotel in Jeju, Korea. This document is intended to summarize those proceedings.

3 OPENING PLENARY

4 1. CALL TO ORDER AND OPENING REMARKS: The meeting was called to order on
5 20 February 2006 at 1:30 PM local time by TSG-S Chair, Nick Yamasaki (KDDI).

6 The Chair welcomed the participants to Jeju.

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

9 2. ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of TSG-S active
10 companies indicated 14 companies in attendance out of 21 active companies (67%
11 participation). Thus, meeting quorum was achieved.

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

13 3. DISTRIBUTION AND NUMBERING OF CONTRIBUTIONS: Contributions were
14 documented in S00-20060220-000. All contributions were distributed in soft copy format
15 and made available from the LAN based server.

16 4. ADOPTION OF AGENDA: The proposed agenda (S00-20060220-001) was presented
17 and reviewed. **DECISION: The agenda was approved without objection as**
18 **submitted (S00-20060220-001).**

19 5. REVIEW AND APPROVAL OF PREVIOUS MEETING SUMMARY: The summary of
20 the January 2006 TSG-S meeting in Vancouver, BC, Canada (S00-20060220-002) was
21 presented. **DECISION: This summary was approved as modified by the discussion**
22 **(S00-20060220-002R1).**

23 **ACTION: The Secretary took an action to move all references to RESCINDED or**
24 **WITHDRAWN from the Projects in Development list to the Published documents**
25 **list in the meeting summary starting with this report.**

26 6. REVIEW OF ACTION ITEMS FROM PREVIOUS MEETING: The following action
27 items were left open from the January 2006 meeting and require additional consideration:

28 060116-01 Volunteers are being solicited for the position of WG1 Vice Chair.
29 Interested parties should contact WG1 Chair, Alex Gogic (QUALCOMM).

30 This action is still OPEN and the need for support in this area is urgent.

31 060116-02 Nokia took an action to resolve the outstanding concerns detailed as
32 Plenary action 6 in the WG3 Report (S00-20060116-103).

33 This action is still OPEN.

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.S0028-xxx-C v1.0 OAM&P (S00-20060220-014) was presented from
- 6 the 3GPP2 Secretariat. **ACTION: This contribution was remanded to**
- 7 **WG5 as FYI.**
- 8 • E-mail correspondences regarding SC level review and approval of
- 9 S.S0093-0 v2.0 cdma2000 Network Performance Measurement Types
- 10 (S00-20060220-015) was presented from the 3GPP2 Secretariat.
- 11 **ACTION: This contribution was remanded to WG5 as FYI.**
- 12 • E-mail correspondence dated 20 January 2006 regarding V&V review of
- 13 S.P0087-A v.0.8 WLAN Interworking (S00-20060220-016) was presented
- 14 from the 3GPP2 Secretariat. **ACTION: This contribution was**
- 15 **remanded to WG1 as FYI.**
- 16 • E-mail correspondence dated 20 January 2006 regarding V&V review of
- 17 S.P0108-0 v0.17 HRPD-cdma2000 1x Interoperability for Voice and Data
- 18 System Requirements (S00-20060220-017) was presented from the
- 19 3GPP2 Secretariat. **ACTION: This contribution was remanded to**
- 20 **WG1 as FYI.**
- 21 • E-mail correspondence dated 20 January 2006 regarding V&V review of
- 22 SC.P4002-0 v2.1 Mobile Equipment Identifier (MEID) GHA (Global
- 23 Hexadecimal Administrator) Assignment Guidelines and Procedures
- 24 (S00-20060220-018) was presented from the 3GPP2 Secretariat.
- 25 **ACTION: This contribution was remanded to the Numbering AdHoc**
- 26 **as FYI.**
- 27 • E-mail correspondence dated 23 January 2006 regarding SC level review
- 28 of six (6) work item worksheets (S00-20060220-019) was presented from
- 29 the 3GPP2 Secretariat. **ACTION: This contribution was remanded to**
- 30 **WG3 as FYI.**
- 31 • E-mail correspondence dated 3 February 2006 regarding SC level
- 32 approval of three (3) work item worksheets (S00-20060220-020) was
- 33 presented from the 3GPP2 Secretariat. **ACTION: This contribution**
- 34 **was remanded to WG3 as FYI.**
- 35 • Correspondence to all TSGs dated 19 January 2006 regarding Proposed
- 36 Work Item Review over the signature of the TSG-S Chair (S00-
- 37 20060220-021) was presented from the 3GPP2 Secretariat. **ACTION:**
- 38 **This contribution was remanded to all WGs for review and comment**
- 39 **with comments to be coordinated by WG3.**

- 1 • V&V comments regarding S.P0109 v0.6 GBA Framework
2 (S00-20060220-022) was presented from the 3GPP2 Secretariat.
3 **ACTION: This contribution was remanded to WG4 for review and**
4 **action as appropriate.**
- 5 • V&V comments regarding S.P0114-0 v0.4 Security using GBA
6 (S00-20060220-023) was presented from the 3GPP2 Secretariat.
7 **ACTION: This contribution was remanded to WG4 for review and**
8 **action as appropriate.**
- 9 • V&V comments regarding S.P0087-A v0.8 cdma2000 WLAN
10 Interworking (S00-20060220-031) was presented from the 3GPP2
11 Secretariat. **ACTION: This contribution was remanded to WG1 for**
12 **review and action as appropriate.**
- 13 • V&V comments regarding S.P0108-0 v0.17 cdma2000 1X-HRPD
14 Interoperability (S00-20060220-032) was presented from the 3GPP2
15 Secretariat. **ACTION: This contribution was remanded to WG1 for**
16 **review and action as appropriate.**
- 17 • V&V comments regarding SC.P4002-0 v2.1 GHA Guidelines (S00-
18 20060220-033) was presented from the 3GPP2 Secretariat. **ACTION:**
19 **This contribution was remanded to the Numbering AdHoc for review**
20 **and action as appropriate.**
- 21 • 3GPP2 Workplan files (S00-20060220-035) was presented from the
22 3GPP2 Secretariat. **ACTION: This contribution was remanded to all**
23 **WGs for review and comment with comments to be coordinated by**
24 **WG3.**
- 25 • E-mail correspondence dated 18 February 2006 regarding 3GPP2 meeting
26 planning (S00-20060220-036) was presented from the 3GPP2 Secretariat
27 as FYI for the TSG.
28 **ACTION: The Chair took an action to inform the SC that TSG-S**
29 **participants have indicated a strong concern regarding the present**
30 **meeting calendar and venue selection process in that the TSG**
31 **participants should have the opportunity to review the potential**
32 **meeting venues and provide meaningful feedback prior to**
33 **commitment by contract.**
- 34 • TSG-A: The following contributions were discussed:
- 35 • Correspondence dated 20 January 2006 regarding TSG-A Work Item and
36 Stage 1 Review (S00-20060220-008) was presented from TSG-A.
37 **ACTION: This contribution was remanded to WG1 and WG3 for**
38 **review and action as appropriate.**

- 1 • Correspondence dated 20 January 2006 regarding Release 4 Release
2 Critical Work Items Open Issues (S00-20060220-009) was presented from
3 TSG-A. **ACTION: This contribution was remanded to WG3 for**
4 **review and action as appropriate.**
- 5 • TSG-C: The following contributions were discussed:
- 6 • The TSG-C Liaison Report for January 2006 (S00-20060220-003) was
7 presented from the TSG-C Liaison as FYI for TSG-S. **ACTION: All**
8 **TSG-C WIs that were approved in January 2006 (S00-20060220-003A**
9 **through S00-20060220-003H) were remanded to WG3 for review and**
10 **action as appropriate.**
- 11 • Correspondence to TSG-A and TSG-X dated 20 January 2006 regarding
12 1x to HRPD handoff (S00-20060220-004) was presented from TSG-C.
13 **ACTION: This contribution was remanded to WG1 as FYI.**
- 14 • Correspondence to TSG-A dated 20 January 2006 regarding DoS DBM
15 (DataOverSignaling using a Data Burst Message) (S00-20060220-005)
16 was presented from TSG-C. **ACTION: This contribution was**
17 **remanded to WG1 as FYI.**
- 18 • Correspondence dated 20 January 2006 regarding Proposed Work Item
19 Review (S00-20060220-006) was presented from TSG-C. **ACTION:**
20 **This contribution was remanded to WG3 for review and action as**
21 **appropriate.**
- 22 • Correspondence dated 20 January 2006 regarding 3GPP2 Workplan
23 Question Updates (S00-20060220-007) was presented from TSG-C.
24 **ACTION: This contribution was remanded to WG3 for review and**
25 **action as appropriate.**
- 26 • Correspondence to TSG-X dated 20 February 2006 regarding TSG-C
27 Review of TSG-X EUIMID Proposal (S00-20060220-038) was presented
28 from TSG-C. **ACTION: This contribution was remanded to WG1**
29 **and the Numbering AdHoc for review and action as appropriate.**
- 30 • TSG-X: The following contributions were discussed from TSG-X:
- 31 • Correspondence dated 20 January 2006 regarding Proposed New Work
32 Item: HRPD-WLAN Simple IP Interoperability for Voice (S00-
33 20060220-010) was presented from TSG-X. **ACTION: This**
34 **contribution was remanded to WG3 for review and action as**
35 **appropriate.**
- 36 • Correspondence dated 20 January 2006 regarding Work Items
37 3GPP2-00135 and 3GPP2-00136 (S00-20060220-011) was presented from
38 TSG-X. **ACTION: This contribution was remanded to WG3 for**
39 **review and action as appropriate.**

- 1 • Correspondence to OMA MWG MMSG dated 20 January 2006 regarding
2 Recent Liaison Statements (S00-20060220-012) was presented from
3 TSG-X. **ACTION: This contribution was remanded to WG3 for**
4 **review and action as appropriate.**
- 5 • Correspondence to TSG-A dated 20 January 2006 regarding Response for
6 Correspondence on "Handoff With QoS Mode Changes" (S00-20060220-
7 013) was presented from TSG-X. **ACTION: This contribution was**
8 **remanded to WG1 and WG3 as FYI.**
- 9 • TR45: The following contributions were discussed:
- 10 • Correspondence dated 31 January 2006 regarding Transposition of TSG-S
11 Documents (S00-20060220-024) was presented from TIA TR45 AHAG as
12 FYI for TSG-S.
- 13 • Correspondence dated 2 February 2006 regarding S.P0110 v0.6 IP based
14 Location Security Framework (S00-20060220-025) was presented from
15 TIA TR45. **ACTION: This contribution was remanded to WG4 for**
16 **review and action as appropriate.**
- 17 • TIA Ballot Comments on S.P0109 (TIA PN-3-0238) GBA Framework
18 (S00-20060220-026) was presented from TIA TR45 AHAG. **ACTION:**
19 **This contribution was remanded to WG4 for review and action as**
20 **appropriate.**
- 21 • TIA Ballot Comments on S.P0114 (TIA PN-3-0237) GBA Security (S00-
22 20060220-027) was presented from TIA TR45 AHAG. **ACTION: This**
23 **contribution was remanded to WG4 for review and action as**
24 **appropriate.**
- 25 • ITU: No contributions.
- 26 • 3GPP: No contributions.
- 27 • 3GPP-SA5 and T1M1: No contributions.
- 28 • WiFi Alliance/IEEE 802: No contributions.
- 29 • OMA (Open Mobile Alliance): The following contribution was discussed:
- 30 • An LS dated 20 January 2006 regarding request for support for OMA PoC
31 v2.0 Performance Enhancements (S00-20060220-028) was presented from
32 OMA REQ. **ACTION: This contribution was remanded to WG1 for**
33 **review and action as appropriate and WG3 as FYI.**
- 34 • CDG: No contributions.

- 1 • OTHER: No contributions.
- 2 8. NEW/OLD BUSINESS: The following contribution was discussed:
- 3 • A contribution related to <http://www.3gpp2.org> Specification/Report Cleanup
4 (S00-20060220-037) was presented from Samsung. **ACTION: This**
5 **contribution was remanded to all WGs for review and comment by the**
6 **closing Plenary.**
- 7 9. WG BUSINESS:
- 8 • WG1 ISSUES: The following contribution was discussed:
- 9 • **DECISION: Proposed correspondence to OMA REQ regarding**
10 **support for PoC Session Priority Access Levels (S00-20060220-039R1)**
11 **was approved without objection for liaison with its attachment to**
12 **TSG-C WG1 and TSG-X MMD for review and comment by our**
13 **closing Plenary.**
- 14 • WG2 ISSUES: No additional contributions or issues were noted.
- 15 • WG3 (PMT) ISSUES: No additional contributions or issues were noted.
- 16 • WG4 ISSUES: The following contributions were discussed:
- 17 • V&V comments on S.P0109-0 v0.6 Generic Bootstrapping Architecture
18 (GBA) Framework (S00-20060220-029) was presented from Axalto.
19 **ACTION: This contribution was remanded to WG4 for review and**
20 **action as appropriate.**
- 21 • V&V comments on S.P0109-0 v0.6 Generic Bootstrapping Architecture
22 (GBA) Framework (S00-20060220-030) was presented from Nokia.
23 **ACTION: This contribution was remanded to WG4 for review and**
24 **action as appropriate.**
- 25 • WG5 ISSUES: No additional contributions or issues were noted.
- 26 • EQUIPMENT NUMBERING ADHOC ISSUES: The following contribution was
27 discussed:
- 28 • A contribution regarding Numbering Plans Related to Expanded R-UIM
29 Identifier (S00-20060220-034) was presented from KDDI. **ACTION:**
30 **This contribution was remanded to the Numbering AdHoc for review**
31 **and action as appropriate.**

32 The Plenary was recessed on 20 February 2006 at 4:00 PM local time.

33

34

1 **CLOSING PLENARY**

2 The Plenary was reconvened on 23 February 2006 at 1:50 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. One
5 (1) additional 3GPP2 individual member company was noted in attendance.

6

7 10. **WORKING GROUP REPORTS:**

8 • WG1 Report (S00-20060220-101) was presented by the WG1 Chair, Alex Gogic
9 (QUALCOMM), as FYI.

10 • WG1 Vice Chair position is still OPEN and volunteers are needed.

11 • Progressed the development of the following documents:

12 • S.P0079-A End-to-end Quality of Service Stage 1 Revision A

13 • S.P0087-A WLAN Interworking Stage 1 Revision A

14 • S.P0108-0 HRPD - cdma2000 Interworking SRD

15 • S.P0111-0 Expanded R-UIM ID Stage 1

16 • S.P0113-0 Enhanced cdma2000 SRD

17 • S.P0115-0 Emergency Call Support on HRPD

18 • Flexible A Interface (New Business)

19 • WG1 has scheduled a joint teleconference on OMA PoC v2.0
20 Requirements related to PoC 2 performance targets: 7 March 2006, 6-8
21 PM Central Time (North America); March 8 AM in Asia.

22 • Discussed issues related to clean-up of the specification page on the
23 3GPP2 website.

24 • Reviewed 3GPP2 workplan and documented all comments in
25 S00-20060220-101C.

26 **ACTION: WG1 comments on the 3GPP2 Workplan (S00-20060220-101C)**
27 **were remanded to WG3 for review and action as appropriate.**

28 **DECISION: Proposed correspondence to OMA REQ regarding support for**
29 **PoC Session Priority Access Levels (S00-20060220-118) was approved**
30 **without objection for transmission with the TSG review version of S.P0117-0**
31 **attached.**

32 **DECISION: Proposed correspondence to TSG-X regarding S.R0006 and**
33 **TIA-664 (S00-20060220-113) was approved without objection for**
34 **transmission.**

35 **DECISION: S.P0079-A v0.1 Support for End-to-End QoS– Stage 1**
36 **Requirements (S00-20060220-110) was approved without objection as TSG**
37 **review text.**

1 **DECISION: Proposed correspondence to all TSGs regarding TSG review of**
2 **S.P0079-A v0.1 Support for End-to-End QoS– Stage 1 Requirements**
3 **(S00-20060220-111) was approved without objection for transmission with**
4 **S00-20060220-110 as an attachment.**

5 **DECISION: S.P0087-A cdma2000 – WLAN Interworking Stage 1**
6 **Requirements (S00-20060220-108) was approved without objection for**
7 **publication as S.R0087-A v1.0.**

8 **DECISION: S.P0108-0 HRPD-cdma2000 1x Interoperability for Voice and**
9 **Data System Requirements (S00-20060220-109) was approved without**
10 **objection for publication as S.R0108-0 v1.0.**

11 **DECISION: Proposed correspondence to all TSGs regarding a joint**
12 **teleconference to address OMA PoC v2.0 Performance Targets**
13 **(S00-20060220-115) was approved without objection for transmission.**

14 **DECISION: Proposed correspondence to TSG-X regarding Expanded**
15 **UMID Format Position (S00-20060220-114R2) was approved without**
16 **objection for transmission.**

- 17 • WG2 Report (S00-20060220-102) was presented by WG2 Chair, John Kay
18 (Motorola), as FYI.
 - 19 • The publication of S.P0037-0 v.4.0 is still on hold until referenced
20 documents are published.
 - 21 • Reviewed issues related to clean-up of the specification page on the
22 3GPP2 website but additional discussion is needed to finalize a WG2
23 position.
 - 24 • WG2 comments on the 3GPP2 workplan is noted in S00-20060220-102A
 - 25 • WG2 comments on WI-000145 Packet Data Network Access Evolution is
26 noted in S00-20060220-102B

27 **ACTION: WG2 comments on the 3GPP2 Workplan and WI-00145 were**
28 **remanded to WG3 for review and action as appropriate.**

29 **DECISION: Proposed correspondence to all TSGs regarding TSG review of**
30 **S.P0037-A v0.1 IP Network Architecture Model for cdma2000 Spread**
31 **Spectrum Systems (S00-20060220-112) was approved without objection for**
32 **transmission with its attachment.**

- 33 • WG3 PMT Report (S00-20060220-103) was noted by PMT Chair, Eileen
34 Hadwen (NEC), as FYI. This report was not reviewed in detail.

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

- 37 • **3GPP2-00146: Signaling Conformance Spec for Multi-Flow Packet**
38 **Applications (S00-20060220-103C)**

- 1 • **3GPP2-00147: Simulation Methodology for Multimedia Services**
2 **(RTPSIM-0) (S00-20060220-103D)**
- 3 • **3GPP2-00148: Markov Service Option (MSO) point release**
4 **(S00-20060220-103E)**
- 5 • **3GPP2-00149: A new revision to the AN Minimum Performance**
6 **Standard to support HRPD Rev. B and BCMCS Rev. A access**
7 **network (S00-20060220-103F)**
- 8 • **3GPP2-00150: A new revision to the AT Minimum Performance**
9 **Standard to support HRPD Rev. B and BCMCS Rev. A access**
10 **terminals (S00-20060220-103G)**
- 11 • **3GPP2-00151: Revision B of Test Application Specification to**
12 **Support HRPD Rev B and BCMCS Rev A (S00-20060220-103H)**
- 13 • **3GPP2-00152: Revision B of Signaling Conformance Specification to**
14 **Support HRPD Rev B and BCMCS Rev A (S00-20060220-103I)**
- 15 • **3GPP2-00153: Point Release of Over-the-Air Service Provisioning**
16 **Specification (S00-20060220-103J)**
- 17 • **3GPP2-00154: HRPD-WLAN Simple IP Interoperability for Voice**
18 **(S00-20060220-103K)**
- 19 • **3GPP2-00144: A-Interface Flexibility (A-Flex) (S00-20060220-103L)**

20 **DECISION: The following WIs were approved without objection for SC**
21 **level review as distributed by the PMT Manager as available from the**
22 **3GPP2 website unless indicated as a contribution number below:**

- 23 • **3GPP2-00135: HRPD Supplemental Services Update**
- 24 • **3GPP2-00136: Update to Data Service Options for Spread Spectrum**
25 **Systems: Service Options 33 and 66**

26 **DECISION: Proposed correspondence to all TSGs regarding Invitation to a**
27 **Joint Session on 25 April 2006 during the 5:15 - 7:00 PM timeframe to**
28 **review the proposed work item 3GPP2-00144: A-interface flexibility support**
29 **(A-Flex) (S00-20060220-120) was approved without objection for**
30 **transmission with its attachments.**

31 **ACTION: Larry Young (Sprint/Nextel) took an action to secure responses to**
32 **questions from the sponsors of 3GPP2-00022: Location Services**
33 **(Sprint/Nextel, LGE, Verizon, QUALCOMM) as indicated in the WG3**
34 **Report (S00-20060220-103R2).**

35 **DECISION: Proposed correspondence to all TSGs and MRPs regarding**
36 **Reminder for Joint Session to Review SC.R2004-004-0 v0.3, "System Release**
37 **Guide for the (R4) Release of the cdma2000 System Specifications"**
38 **(S00-20060220-119) was approved without objection for transmission with its**
39 **attachment.**

- 1 • WG4 Report (S00-20060220-104) was presented by WG4 Chair, Adrian Escott
2 (QUALCOMM), as FYI.
- 3 • Progressed the development of the following documents:
- 4 • S.P0109 GBA Framework
- 5 • S.P0114 Security Mechanisms using GBA
- 6 • S.P0110-0 Location Security Framework
- 7 • Discussed issues related to clean-up of the specification page on the
8 3GPP2 website.

9 **DECISION: Proposed correspondence to TIA regarding TIA Ballot**
10 **Comments on S.P0109-0 v0.6 (TIA PN-3-0238) (S00-20060220-121R1) was**
11 **approved without objection for transmission with its attachments.**

12 **DECISION: Proposed correspondence to TIA regarding TIA Ballot**
13 **Comments on S.P0114-0 v0.4 (TIA PN-3-0237) (S00-20060220-122) was**
14 **approved without objection for transmission with its attachments.**

15 **DECISION: S.P0110-0 IP-Based Location Services Security Framework**
16 **(S00-20060220-123) was approved without objection for publication as**
17 **S.S0110-0 v1.0.**

- 18 • WG5 Report (S00-20060220-105) was presented by John Kay (Motorola), as
19 FYI.
- 20 • Progressed the development of the following documents:
- 21 • S.P0028-xxx-C "OAM&P for cdma2000 (3GPP R6 Delta
22 Specification)"
- 23 • Definition of Performance Measurement Types

24 WG5 comments on the TSG-S discussion of clean-up of the specification pages
25 on the 3GPP2 website was noted as S00-20060220-105A.

26 **DECISION: Proposed correspondence to 3GPP SA5 regarding 3GPP SA5**
27 **and 3GPP2 TSG-S WG5 IMS Harmonization (S00-20060220-116) was**
28 **approved without objection for transmission.**

29 **ACTION: The WG5 Report (S00-20060220-105) was remanded to WG3 for**
30 **review and action as appropriate with respect to the WG5 review of WIs as**
31 **detailed in section 11 of that report.**

- 32 • The Equipment Numbering AdHoc Report (S00-20060220-106R1) was presented
33 by AdHoc Chair, Alex Gogic (QUALCOMM), as FYI.
- 34 • Progressed the development of the following projects:
- 35 • SC.R4002 MEID GHA Assignment Guidelines and Procedures
- 36 • Expanded UIM Identifier

1 **DECISION: SC.P4002-0 GHA MEID Assignment Guidelines and**
2 **Procedures (S00-20060220-107) was approved without objection for**
3 **publication as SC.R4002-0 v3.0 and liaised to TIA TR45 EUMAG.**

4 The Numbering AdHoc request for the Chair to petition the SC for the allocation
5 of an SC.R document (SC.R4003-0 is proposed) with the tentative title
6 "Guidelines and Procedures for Allocation and Administration of Numbering
7 Space for Expanded R-UIM Identifiers" was withdrawn pending further
8 consideration in the AdHoc.

9 11. **ADDITIONAL CORRESPONDENCES AND LIAISON REPORTS:**

- 10 • OP: The following contribution was discussed:
- 11 • A contribution regarding 3GPP2 Drafting Rules Topics (S00-20060220-
12 117) was presented from the WPD AdHoc as FYI for TSG-S.
- 13 • SC: No contributions.
- 14 • 3GPP2 SECRETARIAT: No contributions.
- 15 • TSG-A: No contributions.
- 16 • TSG-C: No contributions.
- 17 • TSG-X: The following contribution was discussed:
- 18 • Correspondence to TSG-C dated 20 February 2006 regarding Advanced
19 copy of LS from ITU-R WP 8F (S00-20060220-124) was presented from
20 TSG-X as FYI for TSG-S.
- 21 • TR45: No contributions.
- 22 • TR45 AHAG: No contributions.
- 23 • ITU: No contributions.
- 24 • 3GPP: No contributions.
- 25 • 3GPP-SA5 and T1M1: No contributions.
- 26 • WiFi Alliance/IEEE 802: No contributions.
- 27 • OMA (Open Mobile Alliance): No contributions.
- 28 • CDG: No contributions.
- 29 • OTHER: No contributions.

30 12. **NEW BUSINESS (continued): No contributions.**

1 13. OLD BUSINESS (continued):

- 2 • An update of the contribution related to <http://www.3gpp2.org>
 3 Specification/Report Cleanup (S00-20060220-037R1) was presented from
 4 Samsung. **ACTION: The Chair took an action to make a recommendation to**
 5 **the SC that the 3GPP2 website make all specification and report revisions for**
 6 **all TSGs on the 3GPP2 publications page but to clearly identify those that**
 7 **have been superseded.**
- 8 • The TSG-S Document Status Table (S00-20060220-100) was presented and
 9 reviewed. **DECISION: This contribution was approved (S00-20060220-**
 10 **100R2) pending final review by WG Chairs and document Editors by COB**
 11 **next Tuesday.**

12 14. ADMINISTRATION AND OTHER BUSINESS:

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

27-30 March 2006	Dallas Addison Marriott Quorum in Dallas, TX, USA
24-27 April 2006	Fairmont Kansas City in Kansas City, MO
22 -25 May 2006	Grand Hyatt Regency Denver Hotel in Denver, CO, USA

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

18 060116-01 Volunteers are being solicited for the position of WG1 Vice Chair.
 19 Interested parties should contact WG1 Chair, Alex Gogic (QUALCOMM).

20 060116-02 Nokia took an action to resolve the outstanding concerns detailed as
 21 Plenary action 6 in the WG3 Report (S00-20060116-103).

22 0060220-01 The Secretary took an action to move all references to RESCINDED or
 23 WITHDRAWN from the Projects in Development list to the Published documents
 24 list in the meeting summary starting with this report.

25 0060220-02 The Chair took an action to inform the SC that TSG-S participants have
 26 indicated a strong concern regarding the present meeting calendar and venue
 27 selection process in that the TSG participants should have the opportunity to
 28 review the potential meeting venues and provide meaningful feedback prior to
 29 commitment by contract.

30 0060220-03 Larry Young (Sprint/Nextel) took an action to secure responses to
 31 questions from the sponsors of 3GPP2-00022: Location Services (Sprint/Nextel,
 32 LGE, Verizon, QUALCOMM) as indicated in the WG3 Report
 33 (S00-20060220-103R2).

34 0060220-04 The Chair took an action to make a recommendation to the SC that the
 35 3GPP2 website make all specification and report revisions for all TSGs on the
 36 3GPP2 publications page but to clearly identify those that have been superseded.

37 This meeting was adjourned on 23 February 2006 at approximately 5:15 PM local time.

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

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY - 3GPP2-S00-20060220-			
000	CONTRIBUTION REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVAL
002	Meeting Summary - January 2006 - Vancouver, BC, Canada	SECRETARY	APPROVAL
003	TSG-C Liaison Report - January 2006	TSG-C LIAISON	FYI, A-G for APPROVAL
004	Correspondence to TSG-A and TSG-X dated 20 January 2006 regarding 1x to HRPD handoff	TSG-C	WG1
005	Correspondence to TSG-A dated 20 January 2006 regarding DoS DBM (DataOverSignaling using a Data Burst Message)	TSG-C	WG1
006	Correspondence dated 20 January 2006 regarding Proposed Work Item Review	TSG-C	WG3
007	Correspondence dated 20 January 2006 regarding 3GPP2 Workplan Question Updates	TSG-C	WG3
008	Correspondence dated 20 January 2006 regarding TSG-A Work Item Review	TSG-A	WG1, WG3
009	Correspondence dated 20 January 2006 regarding Release 4 Release Critical Work Items Open Issues	TSG-A	WG3
010	Correspondence dated 20 January 2006 regarding Proposed New Work Item: HRPD-WLAN Simple IP Interoperability for Voice	TSG-X	WG3
011	Correspondence dated 20 January 2006 regarding Work Items 3GPP2-00135 and 3GPP2-00136	TSG-X	WG3
012	Correspondence to OMA MWG MMSG dated 20 January 2006 regarding Recent Liaison Statements	TSG-X	WG3
013	Correspondence to TSG-A dated 20 January 2006 regarding Response for Correspondence on "Handoff With QoS Mode Changes"	TSG-X	WG1, WG3
014	E-mail correspondences regarding SC level review and approval of S.S0028-xxx-C v1.0 OAM&P	3GPP2 SECRETARIAT	WG5
015	E-mail correspondences regarding SC level review and approval of S.S0093-0 v2.0 cdma2000 Network Performance Measurement Types	3GPP2 SECRETARIAT	WG5
016	E-mail correspondence dated 20 January 2006 regarding V&V review of S.P0087-A v.0.8 WLAN Interworking	3GPP2 SECRETARIAT	WG1
017	E-mail correspondence dated 20 January 2006 regarding V&V review of S.P0108-0 v0.17 HRPD-cdma2000 1x Interoperability for Voice and Data System Requirements	3GPP2 SECRETARIAT	WG1

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NUMBER	SUBJECT	SOURCE	ACTION
018	E-mail correspondence dated 20 January 2006 regarding V&V review of SC.P4002-0 v2.1 Mobile Equipment Identifier (MEID) GHA (Global Hexadecimal Administrator) Assignment Guidelines and Procedures	3GPP2 SECRETARIAT	NUMBERING ADHOC
019	E-mail correspondence dated 23 January 2006 regarding SC level review of six (6) work item worksheets	3GPP2 SECRETARIAT	WG3
020	E-mail correspondence dated 3 February 2006 regarding SC level approval of three (3) work item worksheets	3GPP2 SECRETARIAT	WG3
021	Correspondence to all TSGs dated 19 January 2006 regarding Proposed Work Item Review over the signature of the TSG-S Chair	3GPP2 SECRETARIAT	ALL WGs
022	V&V comments regarding S.P0109 v0.6 GBA Framework	3GPP2 SECRETARIAT	WG4
023	V&V comments regarding S.P0114-0 v0.4 Security using GBA	3GPP2 SECRETARIAT	WG4
024	Correspondence dated 31 January 2006 regarding Transposition of TSG-S Documents	TIA TR45 AHAG	FYI
025	Correspondence dated 2 February 2006 regarding S.P0110 v0.6 IP based Location Security Framework	TIA TR45	WG4
026	TIA Ballot Comments on S.P0109 (TIA PN-3-0238) GBA Framework	TIA TR45 AHAG	WG4
027	TIA Ballot Comments on S.P0114 (TIA PN-3-0237) GBA Security	TIA TR45 AHAG	WG4
028	LS dated 20 January 2006 regarding request for support for OMA PoC v2.0 Performance Enhancements	OMA REQ	WG1, WG3
029	V&V comments on S.P0109-0 v0.6 Generic Bootstrapping Architecture (GBA) Framework	AXALTO	WG4
030	V&V comments on S.P0109-0 v0.6 Generic Bootstrapping Architecture (GBA) Framework	NOKIA	WG4
031	V&V comments regarding S.P0087-A v0.8 cdma2000 WLAN Interworking	3GPP2 SECRETARIAT	WG1
032	V&V comments regarding S.P0108-0 v0.17 cdma2000 1x-HRPD Interoperability	3GPP2 SECRETARIAT	WG1
033	V&V comments regarding SC.P4002-0 v2.1 GHA Guidelines	3GPP2 SECRETARIAT	NUMBERING ADHOC
034	Numbering Plans Related to Expanded R-UIM Identifier	KDDI	NUMBERING ADHOC
035	3GPP2 Workplan files	3GPP2 SECRETARIAT	ALL WGs
036	E-mail correspondence dated 18 February 2006 regarding 3GPP2 meeting planning	3GPP2 SECRETARIAT	FYI
037	http://www.3gpp2.org Specification/Report Cleanup	SAMSUNG	ALL WGs
038	Correspondence to TSG-X dated 20 February 2006 regarding TSG-C Review of TSG-X EUIMID Proposal	TSG-C	WG1, NUMBERING ADHOC
039	Proposed correspondence to OMA REQ regarding support for PoC Session Priority Access Levels	WG1	APPROVAL

NUMBER	SUBJECT	SOURCE	ACTION
CLOSING PLENARY - 3GPP2-S00-20060220-			
100	Document Status Table	WG1	APPROVAL
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	SC.R4002-0 v3.0 GHA MEID Assignment Guidelines and Procedures proposed publication text	NUMBERING ADHOC	APPROVED
108	S.P0087-A cdma2000 – WLAN Interworking Stage 1 Requirements proposed publication text	WG1	APPROVED
109	S.P0108-0 HRPD-cdma2000 1x Interoperability for Voice and Data System Requirements proposed publication text	WG1	APPROVED
110	S.P0079-A v0.1 Support for End-to-End QoS– Stage 1 Requirements TSG review text	WG1	APPROVED
111	Proposed correspondence to all TSGs regarding TSG review of S.P0079-A v0.1 Support for End-to-End QoS– Stage 1 Requirements	WG1	APPROVED
112	Proposed correspondence to all TSGs regarding TSG review of S.P0037-A v0.1 IP Network Architecture Model for cdma2000 Spread Spectrum Systems	WG2	APPROVED
113	Proposed correspondence to TSG-X regarding S.R0006 and TIA-664	WG1	APPROVED
114	Proposed correspondence to TSG-X regarding Expanded UIMID Format Position	WG1	APPROVED
115	Proposed correspondence to all TSGs regarding a joint teleconference to address OMA PoC v2.0 Performance Targets	WG1	APPROVED
116	Proposed correspondence to 3GPP SA5 regarding 3GPP SA5 and 3GPP2 TSG-S WG5 IMS Harmonization	WG5	APPROVED
117	3GPP2 Drafting Rules Topics	WPD ADHOC	FYI
118	Proposed correspondence to OMA REQ regarding support for PoC Session Priority Access Levels	WG1	APPROVED
119	Proposed correspondence to all TSGs and MRPs regarding Reminder for Joint Session to Review SC.R2004-004-0 v0.3, "System Release Guide for the (R4) Release of the cdma2000 System Specifications"	WG3	APPROVED
120	Proposed correspondence to all TSGs regarding Invitation to a Joint Session on April 25, 5:15 - 7:00PM to review the proposed work item 3GPP2-00144: A-interface flexibility support (A-Flex)	WG3	APPROVED

NUMBER	SUBJECT	SOURCE	ACTION
121	Proposed correspondence to TIA regarding TIA Ballot Comments on S.P0109-0 v0.6 (TIA PN-3-0238)	WG4	APPROVED
122	Proposed correspondence to TIA regarding TIA Ballot Comments on S.P0114-0 v0.4 (TIA PN-3-0237)	WG4	APPROVED
123	S.P0110-0 IP-Based Location Services Security Framework proposed publication text	WG4	APPROVED
124	Correspondence to TSG-C dated 20 February 2006 regarding Advanced copy of LS from ITU-R WP 8F	TSG-X	FYI

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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

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.P0063-0	RESCINDED	
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

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	TITLE	RESP
S.R0074-0	Multimedia File Format Stage 1 v1.0	WG1
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.S0083-0	Broadcast-Multicast Service Security Framework v1.0	WG4
S.R0084-0	Packet PrePaid Services Stage 1 v1.0	WG1
S.P0085-0	3GPP2 Equipment Numbering JEM Report and Conclusions - WITHDRAWN TO BE INCLUDED AS AN ANNEX IN S.R0048 MEID STAGE 1	
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.R0087-A	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.P0091-0	WITHDRAWN	
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.P0098-0	RESCINDED - 2/17/05 - Functionality included in X.P0028	
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.P0107-0	RESCINDED - 4/20/05 - Unsponsored WI	
S.R0108-0	HRPD-cdma2000 1x Interworking System Requirements v1.0	WG1

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	TITLE	RESP
S.S0110-0	Location Services Security Framework Report v1.0	WG4
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.P0076-0	Protocol Alignment Reference	WG3
S.P0081-0	Wireless Applications Management	WG1
S.P0109-0	General Bootstrapping Architecture (GBA) Stage 2/3 specification	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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3GPP2 QUORUM ROLL CALL
TSG-S (Systems and Services Aspects)
 Jeju, Korea
 23-Feb-06

INDIVIDUAL MEMBER COMPANY	Attendance	Attendance	Consecutive	Voting	Quorum Status
	2/20/2006	2/23/2006	Mtgs Missed	Status	at Mtg Start
AIRVANA			3	0	0
ALLTEL	1		0	1	1
AXALTO	1		1	1	1
BELL CANADA			3	0	0
CHINA UNICOM			3	0	0
COMVERSE			3	0	0
DOCOMO US LABORATORIES			3	0	0
ERICSSON	1		1	1	1
FUJITSU	1		0	1	1
GEMPLUS			3	0	0
HUAWEI	1		0	1	0
HEWLETT PACKARD		1	0	1	1
HITACHI			3	0	0
KDDI	1		0	1	1
KYOCERA			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			0	1	1
NORTEL NETWORKS	1		0	1	1
QUALCOMM	1		0	1	1
RESEARCH IN MOTION			3	0	0
SAMSUNG	1		0	1	1
SPRINT/NEXTEL	1		0	1	1
TELCORDIA	1		0	1	1
VERIZON WIRELESS	1		3	0	0
TOTALS	15	1		21	21
QUORUM CALCULATION	71%	5%			
ADDITIONS					
					0
					0
					0
					0
					0
OBSERVERS AND GUESTS					
CDG		1			
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