

1 **Title:**

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

3 for 22-25 May 2006 in Denver, CO, USA

4 **Source:**

5 Clifton J. Barber

6 SECRETARY

7 Representing KDDI

8 CJ Barber Consulting Services

9 3028 Saint Andrews Court



10 Jonesboro, GA 30236

11 (770) 210-2988

12 (678) 528-6828 fax

13 cbarber@cjbarberconsulting.com

14 **Abstract:**

15 This document is a summary of the 3GPP2 TSG-S meetings that were held during the period of
16 22-25 May 2006 in Denver, CO, USA.

17

18 **Recommendations:**

19 For review and approval.

20

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1 During the period of 22-25 May 2006, 3GPP2 TSG-S meetings were held at the Grand Hyatt
2 Regency Denver in Denver, CO, USA. 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 22 May 2006 at 1:35 PM local time by TSG-S Chair, Nick Yamasaki (KDDI).

7 The Chair welcomed the participants to Denver.

8 The meeting participants were requested to sign-in electronically using the server sign-in
9 facility.

10 The Chair noted that WG5 would not meet during this session.

11 The Chair also advised the participants regarding special arrangements for the June 2006
12 opening Plenary in Miyazaki:

13 • The joint TSG meeting to discuss Expanded R-UIM ID Numbering
14 Administration Procedures will be held in the TSG-S Plenary room during the
15 3:30-5:30 PM timeframe on Monday 26 June 2006.

16 • To accommodate that joint meeting, the TSG-S Plenary will start promptly at
17 1:00 PM and go until 3:00 PM.

18 2. ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of TSG-S active
19 companies indicated 12 companies in attendance out of 21 active companies (57%
20 participation). Thus, meeting quorum was achieved.

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

22 3. DISTRIBUTION AND NUMBERING OF CONTRIBUTIONS: Contributions were
23 documented in S00-20060522-000. All contributions were distributed in soft copy format
24 and made available from the LAN based server.

25 4. ADOPTION OF AGENDA: The proposed agenda (S00-20060522-001R1) was presented
26 and reviewed. **DECISION: The agenda was approved without objection as**
27 **submitted (S00-20060522-001R1).**

28 5. REVIEW AND APPROVAL OF PREVIOUS MEETING SUMMARY: The summary of
29 the April 2006 TSG-S meeting in Kansas City, MO, USA (S00-20060522-002) was
30 presented. **DECISION: This summary was approved as submitted (S00-20060522--**
31 **002).**

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

3 060327-01 The summary of the 3GPP2 SC and OP meetings for February 2006 in
4 Jeju, Korea (S00-20060327-021) was remanded to all WGs for review and action
5 as appropriate with WG3 taking the lead on SC Action 2006/02-01 and
6 codification of "clean vs rev marks" issues.

7 The action remains OPEN until the June 2006 closing Plenary.

8 060327-02 The Chair took an action to request an SC level document number for
9 Expanded R-UIM ID Numbering Administration Procedures at the next SC
10 meeting. SC.R4003-0 is suggested.

11 The action remains OPEN until the next SC meeting

12 060424-01 The Secretary was assigned an action to notify the 3GPP2 Secretariat of
13 TSG-S comments related to the October 2006 Workshop in Brazil based on issues
14 noted in the WG1 Report (S00-20060424-101R1).

15 **DECISION: The action was CLOSED without objection.**

16 7. CORRESPONDENCE AND LIAISON REPORTS

- 17 • OP: No contributions.
- 18 • SC: No contributions.
- 19 • 3GPP2 SECRETARIAT: The following correspondences were noted from the
20 3GPP2 Secretariat:
- 21 • Correspondence to all TSGs dated 27 April 2006 regarding Proposed
22 Work Item Review (S00-20060522-009) was presented from the PMT
23 Coordinator. **ACTION: This contribution was remanded to all WGs
24 for review and comment with comments to be coordinated by WG3.**
 - 25 • E-mail correspondence dated 27 April 2006 regarding V&V review of
26 S.P0113-0 v0.09 Enhanced cdma2000 SRD (S00-20060522-010) was
27 presented from the 3GPP2 Secretariat. **ACTION: This contribution
28 was remanded to WG1 as FYI.**
 - 29 • E-mail correspondence dated 27 April 2006 regarding V&V review of
30 S.P0117-0 v0.3 Multimedia Priority Service (MMPS) for MMD-based
31 Networks Stage 1 (S00-20060522-011) was presented from the 3GPP2
32 Secretariat. **ACTION: This contribution was remanded to WG1 as
33 FYI.**
 - 34 • E-mail correspondence dated 27 April 2006 regarding V&V review of
35 S.P0118-0 v0.5 Telephone Number Mapping (ENUM) Stage 1
36 Requirements (S00-20060522-012) was presented from the 3GPP2
37 Secretariat. **ACTION: This contribution was remanded to WG1 as
38 FYI.**

- 1 • E-mail correspondence dated 2 May 2006 regarding SC level review of
2 Eight (8) Work Item Worksheets (S00-20060522-013) was presented from
3 the 3GPP2 Secretariat. **ACTION: This contribution was remanded to**
4 **WG3 as FYI.**
- 5 • E-mail correspondence dated 3 May 2006 regarding TSG level review of
6 WI 3GPP2-00158 Enhanced Variable Rate Codec (S00-20060522-014)
7 was presented from the 3GPP2 Secretariat. **ACTION: This contribution**
8 **was remanded to WG3 as FYI.**
- 9 • E-mail correspondence dated 11 May 2006 regarding two (2) Work Items
10 Adopted (S00-20060522-015) was presented from the 3GPP2 Secretariat.
11 **ACTION: This contribution was remanded to WG3 as FYI.**
- 12 • E-mail correspondence dated 9 May 2006 regarding schedule for SC, OP,
13 and workshop meetings for October 2006 in Brazil (S00-20060522-016)
14 was presented from the 3GPP2 Secretariat as FYI for TSG-S.
- 15 • E-mail correspondence dated 9 May 2006 regarding Outsourcing 3GPP2
16 Meeting Planning for 2007 (S00-20060522-017) was presented from the
17 3GPP2 Secretariat as FYI for TSG-S.
- 18 • V&V comments regarding S.P0113-0 v0.09 cdma2000 Enhanced Packet
19 Data Air Interface System (S00-20060522-028) was presented from the
20 3GPP2 Secretariat. **ACTION: This contribution was remanded to**
21 **WG1 for review and action as appropriate.**
- 22 • V&V comments regarding S.P0117-0 v0.3 Multimedia Priority Service
23 (MMPS) for MMD-based Networks - Stage 1 Requirements (S00-
24 20060522-029) was presented from the 3GPP2 Secretariat. **ACTION:**
25 **This contribution was remanded to WG1 for review and action as**
26 **appropriate.**
- 27 • V&V comments regarding S.P0118-0 v0.5 Telephone Number Mapping
28 (ENUM) (S00-20060522-030) was presented from the 3GPP2 Secretariat.
29 **ACTION: This contribution was remanded to WG1 for review and**
30 **action as appropriate.**
- 31 • The 3GPP2 Workplan Report for May 2006 (S00-20060522-032) was
32 presented from the PMT Coordinator. **ACTION: This contribution was**
33 **remanded to all WGs for review and comment with comments to be**
34 **coordinated by WG3.**
- 35 • TSG-A: Correspondence dated 25 April 2006 regarding TSG-A Work Item
36 Review (S00-20060522-023) was presented from TSG-A. **ACTION: This**
37 **contribution was remanded to WG1 and WG3 for review and action as**
38 **appropriate.**

- 1 • TSG-C: The following contributions were discussed:
- 2 • The TSG-C Liaison Report for April 2006 (S00-20060522-003R1) was
3 presented from the TSG-C Liaison as FYI for TSG-S. **ACTION: The**
4 **TSG-C approved WIs (attachments A and B) were remanded to WG3**
5 **for review and action as appropriate.**
- 6 • Correspondence dated 28 April 2006 regarding Global Bootstrap
7 Architecture Presentation (S00-20060522-004) was presented from
8 TSG-C. **ACTION: This contribution was remanded to WG4 for**
9 **review and action as appropriate.**
- 10 • Correspondence dated 28 April 2006 regarding Proposed Work Item
11 Review (S00-20060522-005) was presented from TSG-C. **ACTION:**
12 **This contribution was remanded to WG3 for review and action as**
13 **appropriate.**
- 14 • Correspondence dated 28 April 2006 regarding Additional Review of
15 SC.R2004-002 v0.3 and Correction to C.P0080-0 Title (S00-20060522-
16 006) was presented from TSG-C. **ACTION: This contribution was**
17 **remanded to WG3 for review and action as appropriate.**
- 18 • Correspondence dated 22 May 2006 regarding TSG-C Review of Support
19 for End-to-End QoS (S.P0079-A v0.1) Stage 1 Specification
20 (S00-20060522-034) was presented from TSG-C. **ACTION: This**
21 **contribution was remanded to WG1 for review and action as**
22 **appropriate.**
- 23 • TSG-X: The following contributions were discussed from TSG-X:
- 24 • Correspondence dated 28 April 2006 regarding Responses to Document
25 Review Requests (S00-20060522-007) was presented from TSG-X.
26 **ACTION: This contribution was remanded to WG1 and WG2 for**
27 **review and action as appropriate.**
- 28 • Correspondence to IEEE 802.11 dated 28 April 2006 regarding
29 Continuing Dialogue Regarding IEEE 802.11u Requirements (S00-
30 20060522-008) was presented from TSG-X and TSG-S. **ACTION: This**
31 **contribution was remanded to WG1 as FYI.**
- 32 • TR45: No contributions.
- 33 • ITU: An LS to 3GPP and 3GPP2 dated 3 May 2006 regarding Use of a Change
34 Request to address changes/modifications in the IMS core (S00-20060522-020)
35 was presented from ITU-T. **ACTION: This contribution was remanded to**
36 **WG2 for review and action as appropriate.**
- 37 • 3GPP: No contributions.

- 1 • 3GPP-SA5 and T1M1: LS dated 12 May 2006 on 3GPP R7 IMS Performance
2 Measurements and 3GPP/3GPP2 IMS Model Harmonization (S00-20060522-
3 027) was presented from 3GPP SA5. **ACTION: This contribution was**
4 **remanded to WG5 for review and action as appropriate.**
- 5 • WiFi Alliance/IEEE 802: Correspondence to 3GPP SA5 dated 11 May 2006
6 regarding a 3GPP SA5 LS on use of the IRP methodology and IRP specifications
7 (S00-20060522-019) was presented from IEEE 802.16. **ACTION: This**
8 **contribution was remanded to WG5 for review and action as appropriate.**
- 9 • OMA (Open Mobile Alliance): A Liaison Statement to 3GPP2 dated 19 May
10 2006 on Service Guide Entry Point Parameters (S00-20060522-026) was
11 presented from OMA BAC BCAST. **ACTION: This contribution was**
12 **remanded to WG1 and WG3 for review and comment with comments to be**
13 **coordinated by WG1. WG1 will then provide input to TSG-C.**
- 14 • CDG: No contributions.
- 15 • OTHER: Correspondence dated 14 April 2006 regarding Liaison from the ESIF
16 Next Generation Emergency Services (NGES) Subcommittee (S00-20060522-
17 018) was presented from ATIS. **ACTION: This contribution was remanded to**
18 **WG1 for review and action as appropriate.**
- 19 8. NEW/OLD BUSINESS: A contribution regarding clean up of TSG-S Document Status
20 Table and TSG-S Meeting Summary document tables (S00-20060522-021) was
21 presented from the WG1 Chair, the WG2 Chair, and the Secretary. **ACTION: This**
22 **contribution was remanded to all WGs for review and comment by the closing**
23 **Plenary.**
- 24 9. WG BUSINESS:
- 25 • WG1 ISSUES: The following contributions were discussed:
- 26 • V&V comments on S.P0113-0 Enhanced cdma2000 SRD (S00-
27 20060522-024) was presented from Motorola. **ACTION: This**
28 **contribution was remanded to WG1 for review and action as**
29 **appropriate.**
- 30 • V&V comments on S.P0113-0 Enhanced cdma2000 SRD (S00-
31 20060522-025) was presented from the CDG ETO. **ACTION: This**
32 **contribution was remanded to WG1 for review and action as**
33 **appropriate.**
- 34 • V&V comments regarding S.P0117-0 v0.3 Multimedia Priority Service
35 (MMPS) for MMD-based Networks Stage 1 Requirements (S00-
36 20060522-033) was presented from Motorola. **ACTION: This**
37 **contribution was remanded to WG1 for review and action as**
38 **appropriate.**
- 39 • WG2 ISSUES: No additional contributions or issues were noted.

- 1 • WG3 (PMT) ISSUES: The following contributions were discussed:
- 2 • Acceleration of Publication of cdma2000 Release 4 (S00-20060522-
- 3 022R1) was presented from QUALCOMM. **ACTION: This**
- 4 **contribution was remanded to WG3 for review and action as**
- 5 **appropriate.**
- 6 • A proposed WI for Enhanced cdma2000 Air Interface (S00-20060522-
- 7 031) was presented from ALLTEL, KDDI, Sprint-Nextel, and Verizon
- 8 Wireless. **ACTION: This contribution was remanded to WG3 for**
- 9 **review and action as appropriate.**
- 10 • WG4 ISSUES: No additional contributions or issues were noted.
- 11 • WG5 ISSUES: No additional contributions or issues were noted.
- 12 • EQUIPMENT NUMBERING ADHOC ISSUES: No additional contributions or
- 13 issues were noted.

14 The Plenary was recessed on 22 May 2006 at 2:55 PM local time.

15

16

17 CLOSING PLENARY

18 The Plenary was reconvened on 25 May 2006 at 1:39 PM local time by TSG-S Chair, Nick

19 Yamasaki (KDDI).

20 Quorum had been established at the opening Plenary and was not challenged at this session.

21 Three (3) additional 3GPP2 individual member companies were noted in attendance.

22

23 10. WORKING GROUP REPORTS:

- 24 • WG1 Report (S00-20060522-101R1) was presented by the WG1 Chair, Alex
- 25 Gogic (QUALCOMM), as FYI.
- 26 • Documents being recommended for publication include the following:
- 27 • S.P0113-0 v0.10 Enhanced cdma2000 SRD
- 28 • S.P0118-0 v0.5 ENUM
- 29 • Documents being recommended for V&V review include the following:
- 30 • S.P0079-A v0.2 Support for End-to-End QoS
- 31 • Progressed the development of the following documents:
- 32 • S.P0079-A Support for End-to-end QoS
- 33 • S.P0110-0 Push-to-Talk over Cellular
- 34 • S.P0113-0 Enhanced cdma2000 SRD
- 35 • S.P0115-0 MMD Emergency Call Support
- 36 • S.P0117-0 Multimedia Priority Services (MMPS)
- 37 • S.P0118-0 ENUM

- 1 • Broadcast/Multicast
- 2 • Developed the following recommendations for action:
- 3 • Rescind S.P0020-0 Location Information Restriction (LIR) Stage 1
- 4 • Rescind S.P0041-0 UIM Support in All IP Networks
- 5 • Rescind S.P0044-0 Rescue Channel Stage 1
- 6 • Rescind S.P0081-0 Wireless Applications Management
- 7 • Planning a conference call to continue resolution of V&V comments
- 8 regarding S.P0117-0 Multimedia Priority Services (MMPS) on 7 June
- 9 2006 at 6:00 PM US central time.

10 **DECISION: The rescinding of the following documents was approved**
11 **without objection:**

- 12 • **S.P0020-0 Location Information Restriction (LIR) Stage 1**
- 13 • **S.P0041-0 UIM Support in All IP Networks**
- 14 • **S.P0044-0 Rescue Channel Stage 1**
- 15 • **S.P0081-0 Wireless Applications Management**

16 Proposed response to OMA BAC BCAST regarding Service Guide Entry Point
17 Parameters (S00-20060522-112) was presented from TSG-S WG-1 and TSG-X
18 PSN as FYI for TSG-S since it is being transmitted by TSG-X.

19 **DECISION: S.P0079-A v0.2 End-to-End QoS Stage 1 (S00-20060522-114)**
20 **was approved without objection for V&V review by the 3GPP2 OPs and all**
21 **TSGs with comments due on or before 23 June 2006.**

22 **DECISION: Proposed correspondence to OMA REQ regarding PoC v2.0**
23 **Performance Enhancements (S00-20060522-116) was approved without**
24 **objection for transmission with its attachment.**

25 **DECISION: S.P0113-0 v0.10 Enhanced cdma2000 SRD (S00-20060522-111)**
26 **was approved without objection for publication as S.R0113-0 v1.0.**

27 **DECISION: Proposed correspondence to ESIF and NENA regarding**
28 **Liaison from the ESIF Next Generation Emergency Services (NGES)**
29 **Subcommittee (S00-20060522-113R2) was approved without objection for**
30 **transmission with its attachment.**

31 **DECISION: S.P0118-0 v0.5 Telephone Number Mapping (ENUM) Support**
32 **Stage 1 (S00-20060522-110R1) was approved without objection for**
33 **publication as S.R0118-0 v1.0.**

- 34 • WG2 Report (S00-20060522-102) was presented by WG2 Chair, John Kay
35 (Motorola) as FYI.
- 36 • Continued development of S.P0037-A NAM specification. Expecting
37 responses from TSG-X at the July 2006 meeting.
- 38 • Generated comments on the 3GPP2 workplan as S00-20060522-102A

1 **ACTION: WG2 comments on the 3GPP2 workplan (S00-20060522-102A)**
2 **were remanded to WG3 for review and action as appropriate.**

3 **ACTION: The TSG-S Secretary was directed to request that the 3GPP2**
4 **website be modified as follows:**

- 5 • **S.R0037-0 v.2.0 NAM has been superseded by S.R0037-0 v.3.0.**
- 6 • **Note that S.R0038-0 v1.0 Evolution document is NOT PUBLISHED**
7 **and that it has been superseded by S.R0038-0 v.2.0.**
- 8 • WG3 PMT Report (S00-20060522-103R1) was noted by PMT Chair, Eileen
9 Hadwen (NEC), as FYI. This report was not reviewed in detail.

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

- 12 • **3GPP2-00159: Enhanced cdma2000 Air Interface (S00-20060522-**
13 **103C)**
- 14 • **3GPP2-00160: Version Update for cdma2000 High Rate Packet Data**
15 **Air Interface Specification (S00-20060522-103D)**
- 16 • **3GPP2-00161: GBA-U Support in 'cdma2000 Application on UICC'**
17 **and ISIM (S00-20060522-103E)**
- 18 • **3GPP2-00162: Version update to be published as S.S0055-A v4.0**
19 **Enhanced Cryptographic Algorithms Specification (S00-20060522-**
20 **103F)**
- 21 • **3GPP2-00163: Preferred Cryptographic Profiles (PCP)**
22 **(S00-20060522-103G)**

23 **DECISION: Pending confirmation of “no comments” from TSG-X, the**
24 **following WIs were approved, without objection for SC level review as**
25 **distributed by the PMT Manager as available from the 3GPP2 website unless**
26 **indicated as a contribution number below:**

- 27 • **3GPP2-00146: Signaling Conformance Specification for the Enhanced**
28 **Multi-flow Packet Applications**
- 29 • **3GPP2-00147: Simulation Methodology for Multimedia Services**
30 **(RTPSIM-0)**
- 31 • **3GPP2-00148: Markov Service Option (MSO) point release to clarify**
32 **"E" synchronization parameter definition and address bugs**
- 33 • **3GPP2-00149: A new revision to the AN Minimum Performance**
34 **Standard to support HRPD Rev. B and BCMCS Rev. A access**
35 **networks**
- 36 • **3GPP2-00150: A new revision to the AT Minimum Performance**
37 **Standard to support HRPD Rev. B and BCMCS Rev. A access**
38 **terminals**

- 1 • **3GPP2-00151: revision B of Test Application Specification for**
- 2 **HRPD-B and BCMCS Rev. A**
- 3 • **3GPP2-00152: Revision B of Signaling Conformance Specification to**
- 4 **Support HRPD Rev. B and BCMCS Rev. A**
- 5 • **3GPP2-00153: Point Release of Over-the-Air Service Provisioning**
- 6 **Specification**
- 7 • **3GPP2-00154: HRPD WLAN Simple IP Interoperability for Voice**

8 **DECISION: The rescinding of S.P0036-0 All IP System Capability Guide**

9 **was approved without objection.**

10 **DECISION: The PMT recommendation to approve the removal of the**

11 **following WIs from the list of critical WIs for Release 4 was adopted without**

12 **objection:**

- 13 • **3GPP2-00051: 1xEV-DV**
- 14 • **3GPP2-00081: IPv6 Mobility Support**
- 15 • **3GPP2-00086: DHCP and DHCP v6 Support**
- 16 • **3GPP2-00090: Packet Switched Video Telephony**
- 17 • **3GPP2-00107: MMD Codecs and Transport Protocols**
- 18 • **3GPP2-2000-002: IP Broadcast and IP Multicast**

19 **ACTION: The PMT will now take the lead in assessing the impact of the**

20 **TSG-S proposed list of WIs to be removed from the list of critical WIs for**

21 **Release 4 with the other TSGs. PMT status on this issue is expected after the**

22 **June 2006 meeting.**

- 23 • **WG4 Report (S00-20060522-104) was presented by WG4 Chair, Adrian Escott**
- 24 **(QUALCOMM), as FYI.**
- 25 • **Progressed the development in the following areas:**
 - 26 • **GBA (including joint meeting with TSG-X SWG3.1/3.2)**
 - 27 • **NFCC security**
 - 28 • **Inconsistencies in S.S0055 Enhanced Cryptographic Algorithms**
 - 29 **including discussion of new work item proposal to correct these**
 - 30 **inconsistencies**
 - 31 • **Discussion of new work item proposal on Preferred Cryptographic**
 - 32 **Profiles**

33 **ACTION: WG4 comments on the 3GPP2 workplan (S00-20060522-104A)**

34 **were remanded to WG3 for review and action as appropriate.**

- 35 • **WG5 did not meet.**

- 1 • The Equipment Numbering AdHoc Report (S00-20060522-106R1) was presented
2 by AdHoc Chair, Alex Gogic (QUALCOMM), as FYI.
- 3 • Continued development of Expanded R-UIM ID Administration
4 Procedures.
- 5 • A joint TSG meeting to continue discussions regarding Expanded R-UIM
6 ID Administration Procedures has been scheduled for 26 June 2006 during
7 the 3:30- 5:30 PM period in Miyazaki, Japan.

8 **DECISION: Proposed correspondence to TSG-X and TSG-C regarding**
9 **Joint Meeting to Address Expanded UIM ID Administration Procedures**
10 **(S00-20060522-117R1) was approved without objection for transmission.**

11 10. ADDITIONAL CORRESPONDENCES AND LIAISON REPORTS:

- 12 • OP: No contributions.
- 13 • SC: No contributions.
- 14 • 3GPP2 SECRETARIAT: E-mail correspondence dated 24 May 2006 regarding
15 OMA LS on status of MMS work transfer to OMA (S00-20060522-118) was
16 presented from the 3GPP2 Secretariat. This e-mail described the action plan for
17 handling the OMA LS on MMS Work Transfer Status (S00-20060522-109).
18 **ACTION: This contribution was remanded to WG3 for review and action as**
19 **appropriate and to WG1 as FYI.**
- 20 • TSG-A: The following contributions were discussed:
- 21 • Correspondence dated 22 May 2006 regarding TSG-A Work Item,
22 Stage 1, LS, and SC Documents for Review (S00-20060522-107) was
23 presented from TSG-A. **ACTION: This contribution was remanded to**
24 **WG1 and WG3 for review and action as appropriate.**
- 25 • Correspondence to the 3GPP2 Director dated 22 May 2006 regarding
26 ATIS and NENA Correspondence dated 14 April 2006 (S00-20060522-
27 108) was presented from TSG-A as FYI for TSG-S.
- 28 • TSG-C: No contributions.
- 29 • TSG-X: No contributions.
- 30 • TR45: No contributions.
- 31 • TR45 AHAG: No contributions.
- 32 • ITU: No contributions.
- 33 • 3GPP: No contributions.
- 34 • 3GPP-SA5 and T1M1: No contributions.
- 35 • WiFi Alliance/IEEE 802: No contributions.

- 1 • OMA (Open Mobile Alliance): LS to the 3GPP2 SC Chair dated 27 April 2006
 2 regarding Status of MMS Work Transfer to OMA (S00-20060522-109) was
 3 presented from OMA TP. **ACTION: This contribution was remanded to WG3**
 4 **for review and action as appropriate and to WG1 as FYI.**
- 5 • CDG: No contributions.
- 6 • OTHER: No contributions.

7 11. NEW BUSINESS (continued): No contributions.

8 12. OLD BUSINESS (continued):

- 9 • The TSG-S Document Status Table (S00-20060522-100) was presented and
 10 reviewed. **DECISION: This contribution was approved as modified by the**
 11 **discussion (S00-20060522100R1) pending final review by WG Chairs and**
 12 **document Editors by COB next Tuesday.**

13 13. ADMINISTRATION AND OTHER BUSINESS:

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

26-29 June 2006	Sheraton Grande Ocean Resort in Miyazaki, Japan
31 July - 3 August 2006	Fairmont Queen Elizabeth in Montreal, PQ, Canada
11-14 September 2006	China

- 15
- 16 • **The Chair reminded all participants that, to accommodate the joint TSG**
 17 **meeting on EUIM-ID Administration Procedures, the 26 June 2006 opening**
 18 **Plenary of TSG-S in Miyazaki, Japan will start promptly at 1:00 PM and go**
 19 **until 3:00 PM.**

- 20 • Although not explicitly reviewed during the meeting, the assignments, other than
 21 document remands, that were not completed at this meeting are summarized as
 22 follows:

23 **060327-01 The summary of the 3GPP2 SC and OP meetings for February 2006**
 24 **in Jeju, Korea (S00-20060327-021) was remanded to all WGs for review and**
 25 **action as appropriate with WG3 taking the lead on SC Action 2006/02-01**
 26 **and codification of "clean vs rev marks" issues. The action remains OPEN**
 27 **until the June 2006 closing Plenary.**

28 **060327-02 The Chair took an action to request an SC level document number for**
 29 **Expanded R-UIM ID Numbering Administration Procedures at the next SC**
 30 **meeting. SC.R4003-0 is suggested. This action remains OPEN until the next**
 31 **SC meeting**

32 **060522-01 The TSG-S Secretary was directed to request that the 3GPP2 website**
 33 **be modified as follows:**

- 34 • **S.R0037-0 v.2.0 NAM has been superseded by S.R0037-0 v.3.0.**
- 35 • **Note that S.R0038-0 v1.0 Evolution document is NOT PUBLISHED**
 36 **and that is has been superseded by S.R0038-0 v.2.0.**

1 **060522-02** The PMT will now take the lead in assessing the impact of the TSG-S
2 proposed list of WIs to be removed from the list of critical WIs for Release 4
3 with the other TSGs. PMT status on this issue is expected after the June
4 2006 meeting.

5 This meeting was adjourned on 25 May 2006 at approximately 4:04 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-S00-20060522-			
000	CONTRIBUTION REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVAL
002	Meeting Summary - April 2006 - Kansas City, MO, USA	SECRETARY	APPROVAL
003	TSG-C Liaison Report - April 2006	TSG-C LIAISON	FYI, A-B for WG3
004	Correspondence dated 28 April 2006 regarding Global Bootstrap Architecture Presentation	TSG-C	WG4
005	Correspondence dated 28 April 2006 regarding Proposed Work Item Review	TSG-C	WG3
006	Correspondence dated 28 April 2006 regarding Additional Review of SC.R2004-002 v0.3 and Correction to C.P0080-0 Title	TSG-C	WG3
007	Correspondence dated 28 April 2006 regarding Responses to Document Review Requests	TSG-X	WG1, WG2
008	Correspondence to IEEE 802.11 dated 28 April 2006 regarding Continuing Dialogue Regarding IEEE 802.11u Requirements	TSG-X/TSG-S	WG1
009	Correspondence to all TSGs dated 27 April 2006 regarding Proposed Work Item Review	TSG-S/PMT COORDINATOR	ALL WGs
010	E-mail correspondence dated 27 April 2006 regarding V&V review of S.P0113-0 v0.09 Enhanced cdma2000 SRD	3GPP2 SECRETARIAT	WG1
011	E-mail correspondence dated 27 April 2006 regarding V&V review of S.P0117-0 v0.3 Multimedia Priority Service (MMPS) for MMD-based Networks Stage 1	3GPP2 SECRETARIAT	WG1
012	E-mail correspondence dated 27 April 2006 regarding V&V review of S.P0118-0 v0.5 Telephone Number Mapping (ENUM) Stage 1 Requirements	3GPP2 SECRETARIAT	WG1
013	E-mail correspondence dated 2 May 2006 regarding SC level review of Eight (8) Work Item Worksheets	3GPP2 SECRETARIAT	WG3
014	E-mail correspondence dated 3 May 2006 regarding TSG level review of WI 3GPP2-00158 Enhanced Variable Rate Codec	3GPP2 SECRETARIAT	WG3
015	E-mail correspondence dated 11 May 2006 regarding Two (2) Work Items Adopted	3GPP2 SECRETARIAT	WG3
016	E-mail correspondence dated 9 May 2006 regarding schedule for SC, OP, and workshop meetings for October 2006 in Brazil	3GPP2 SECRETARIAT	FYI
017	E-mail correspondence dated 9 May 2006 regarding Outsourcing 3GPP2 Meeting Planning for 2007	3GPP2 SECRETARIAT	FYI
018	Correspondence dated 14 April 2006 regarding Liaison from the ESIF Next Generation Emergency Services (NGES) Subcommittee	ATIS	FYI

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NUMBER	SUBJECT	SOURCE	ACTION
019	Correspondence to 3GPP SA5 dated 11 May 2006 regarding a 3GPP SA5 LS on use of the IRP methodology and IRP specifications	IEEE 802.16	WG5
020	LS to 3GPP and 3GPP2 dated 3 May 2006 regarding Use of a Change Request to address changes/modifications in the IMS core	ITU-T	WG2
021	Clean up of TSG-S Document Status Table and TSG-S Meeting Summary document tables	WG1 CHAIR, WG2 CHAIR, SECRETARY	ALL WGs
022	Acceleration of Publication of cdma2000 Release 4	QUALCOMM	WG3
023	Correspondence dated 25 April 2006 regarding TSG-A Work Item Review	TSG-A	WG1, WG3
024	V&V comments on S.P0113-0 Enhanced cdma2000 SRD	MOTOROLA	WG1
025	V&V comments on S.P0113-0 Enhanced cdma2000 SRD	CDG ETO	WG1
026	Liaison Statement to 3GPP2 dated 19 May 2006 on Service Guide Entry Point Parameters	OMA BAC BCAST	WG1, WG3
027	LS dated 12 May 2006 on 3GPP R7 IMS Performance Measurements and 3GPP/3GPP2 IMS Model Harmonization	3GPP TSG-SA5	WG5
028	V&V comments regarding S.P0113-0 v0.09 cdma2000 Enhanced Packet Data Air Interface System	3GPP2 SECRETARIAT	WG1
029	V&V comments regarding S.P0117-0 v0.3 Multimedia Priority Service (MMPS) for MMD-based Networks - Stage 1 Requirements	3GPP2 SECRETARIAT	WG1
030	V&V comments regarding S.P0118-0 v0.5 Telephone Number Mapping (ENUM)	3GPP2 SECRETARIAT	WG1
031	Proposed WI for Enhanced cdma2000 Air Interface	ALLTEL, KDDI, SPRINT-NEXTEL, AND VERIZON	WG3
032	3GPP2 Workplan Report - May 2006	3GPP2 SECRETARIAT	ALL WGs
033	V&V comments regarding S.P0117-0 v0.3 Multimedia Priority Service (MMPS) for MMD-based Networks - Stage 1 Requirements	MOTOROLA	WG1
034	Correspondence dated 22 May 2006 regarding TSG-C Review of Support for End-to-End QoS (S.P0079-A v0.1) Stage 1 Specification	TSG-C	WG1
CLOSING PLENARY - 3GPP2-S00-20060522-			
100	Document Status Table	WG1	APPROVAL
101	WG1 Report	WG1	FYI
102	WG2 Report	WG2	FYI
103	PMT Report	WG3	FYI WIs APPROVAL
104	WG4 Report	WG4	FYI
105	WG5 Report	WG5	FYI

NUMBER	SUBJECT	SOURCE	ACTION
106	Numbering AdHoc Report	NUMBERING ADHOC	FYI
107	Correspondence dated 22 May 2006 regarding TSG-A Work Item, Stage 1, LS, and SC Documents for Review	TSG-A	WG1, WG3
108	Correspondence to the 3GPP2 Director dated 22 May 2006 regarding ATIS and NENA Correspondence dated 14 April 2006	TSG-A	FYI
109	LS to the 3GPP2 SC Chair dated 27 April 2006 regarding Status of MMS Work Transfer to OMA	OMA TP	WG3
110	S.P0118-0 v0.5 Telephone Number Mapping (ENUM) Support Stage 1 proposed publication text	WG1	APPROVAL
111	S.P0113-0 v0.10 Enhanced cdma2000 SRD proposed publication text	WG1	APPROVAL
112	Proposed response to OMA BAC BCAST regarding Service Guide Entry Point Parameters	TSG-S WG-1 and TSG-X PSN	FYI
113	Proposed correspondence to ESIF and NENA regarding Liaison from the ESIF Next Generation Emergency Services (NGES) Subcommittee	WG1	APPROVAL
114	S.P0079-A v0.2 End-to-End QoS Stage 1 proposed V&V text	WG1	APPROVAL
115	WITHDRAWN		
116	Proposed correspondence to OMA REQ regarding PoC v2.0 Performance Enhancements	WG1	APPROVAL
117	Proposed correspondence to TSG-X and TSG-C regarding Joint Meeting to Address Expanded UIM ID Administration Procedures	NUMBERING ADHOC	APPROVAL
118	E-mail correspondence dated 24 May 2006 regarding OMA LS on status of MMS work transfer to OMA	3GPP2 SECRETARIAT	WG3

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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.P0220-0	Location Information Restriction (LIR) Stage 1 - RESCINDED 5/26/06	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 004	WG5
S.S0028-xxx-C	OAM&P Specification v1.0 - parts 000 through 004	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

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PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	TITLE	RESP
S.R0030-A	Broadcast Multicast Services Stage 1 v1.0	WG1
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.P0036-0	All IP System Capability Guide - RESCINDED 5/26/06	WG1
S.R0037-0	3GPP2 NAM v3.0	WG2
S.R0038-0	3GPP2 Evolution Document v2.0	WG2
S.P0041-0	UIM Support in All IP Networks - RESCINDED 5/26/06	WG1
S.P0044-0	Rescue Channel Stage 1 - RESCINDED 5/26/06	WG1
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

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	TITLE	RESP
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
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.P0081-0	Wireless Applications Management - RESCINDED 5/26/06	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

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PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	TITLE	RESP
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
S.S0109-0	General Bootstrapping Architecture (GBA) Stage 2/3 specification v1.0	WG4
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
S.S0114-0	Security Mechanisms Using GBA v1.0	WG4

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TSG-S PROJECTS IN DEVELOPMENT		
NUMBER	TITLE	RESP
S.P0028-xxx-C	OAM&P	WG5
S.P0037-0	3GPP2 NAM v4.0	WG2
S.P0037-A	3GPP2 NAM	WG2
S.P0076-0	Protocol Alignment Reference	WG3
S.P0079-A	End-to-End QoS	WG1
S.P0093-A	Definition of Performance Measurement Types	WG5
S.P0113-0	Enhanced cdma2000 SRD	WG1
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
S.P0119-0	Proximity Mobile Gateway Stage 1	WG1

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3GPP2 QUORUM ROLL CALL
TSG-S (Systems and Services Aspects)
 Denver, CO, USA
 25-May-06

INDIVIDUAL MEMBER COMPANY	Attendance 5/22/2006	Attendance 5/25/2006	Consecutive Mtgs Missed	Voting Status	Quorum Status at Mtg Start
ALLTEL		1	0	1	1
AXALTO	1		2	1	1
BELL CANADA			3	0	0
CHINA UNICOM			3	0	0
COMVERSE			3	0	0
DOCOMO US LABORATORIES			3	0	0
ERICSSON			2	1	1
FUJITSU	1		0	1	1
GEMPLUS			3	0	0
HUAWEI			0	1	1
HEWLETT PACKARD			1	1	1
HITACHI			3	0	0
KDDI	1		0	1	1
KYOCERA	1		0	1	1
LG ELECTRONICS			1	1	1
LG TELECOM		1	0	1	1
LUCENT	1		0	1	1
MOTOROLA	1		0	1	1
NCS			1	0	0
NEC	1		0	1	1
NOKIA	1		0	1	1
NORTEL NETWORKS	1		0	1	1
QUALCOMM	1		0	1	1
RESEARCH IN MOTION		1	1	0	0
SAMSUNG	1		0	1	1
SPRINT/NEXTEL	1		0	1	1
TELCORDIA			0	1	1
VERIZON WIRELESS		1	1	1	1
TOTALS	12	3		21	21
QUORUM CALCULATION	57%	14%			
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