1   **Title:**

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

3   **for 3-6 December 2007 in Kauai, HI, USA**

4   **Source:**

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6   **Abstract:**

7   This document is a summary of the 3GPP2 TSG-S meetings that were held during the period of
8   3-6 December 2007 in Kauai, HI, USA.

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10   **Recommendations:**

11   For review and approval.

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13   **Notice:**

1 During the period 3-6 December 2007, 3GPP2 TSG-S meetings were held at the Grand Hyatt Kauai
2 in Kauai, HI, USA.   This document is intended to summarize those proceedings.

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4 **OPENING PLENARY**

5 1.   CALL TO ORDER AND OPENING REMARKS: The meeting was called to order on
6   3 December 2007 at 1:25 PM local time by TSG-S Chair, Nick Yamasaki (KDDI).

7   The Chair welcomed the participants to Kauai.

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

10   The Chair announced that Eileen McGrath (NEC) would be acting as the Scribe for this
11   meeting in the absence of TSG-S Secretary, Clif Barber (KDDI), and he thanked her for her
12   support in this effort.

13   The Chair reminded the participants of the 3GPP2 social reception being held on Tuesday
14   4 December 2007 during the 6-7 PM timeframe.

15   The Chair noted that Randy Scheer (Alcatel-Lucent) is no longer working in 3GPP2 and,
16   more specifically, TSG-S WG5. Since WG5 had only two (2) primary participants, the
17   future of WG5 must be evaluated in light of Randy's resignation. This topic will be
18   discussed on a conference call on Tuesday 4 December 2007 during the 9-11 AM period HI
19   time. Call in information was noted as follows: *+1-800-771-8734 (or outside the U.S.: +1-*
20   *647-723-3053) - access number #9790615*. All persons interested in the future of WG5
21   were requested to participate in that call. It was noted that Alcatel-Lucent has not yet named
22   a replacement.

23 2.   ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of companies indicated
24   that 14 companies included on the list of 20 active quorum members were present (70%
25   participation). Thus, meeting quorum was achieved.

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

27 3.   INTRODUCTION AND NUMBERING OF CONTRIBUTIONS: Contributions were
28   loaded onto the 3GPP2 LAN server and listed in the document register (S00-20071203-
29   000R1).

30 4.   AGENDA APPROVAL: The proposed agenda (S00-20071203-001R1) was presented.

31   **DECISION: The agenda was approved without objection as submitted (S00-20071203-**
32   **001R1).**

33 5.   APPROVAL OF PREVIOUS MEETING SUMMARY: The summary of the TSG-S
34   meeting for November 2007 that was held in Osaka, Japan (S00-20071203-002) was
35   presented.

36   **DECISION: This meeting summary was approved without objection as submitted**
37   **(S00-20071203-002).**

1 6. REVIEW OF OUTSTANDING ACTIONS FROM PREVIOUS MEETING: The action
2   items from the November 2007 face-to-face meeting were noted as follows:

3   061030-01   The Chair requested volunteers to serve in the capacity of WG5 Chair.

4   061030-02   The Chair remanded an action to WG5 to make a recommendation for
5   someone to serve as the WG5 Chair.

6   061030-03   Clif Barber (KDDI) was appointed as the WG5 Coordinator to facilitate WG5
7   conference calls and the identification of a volunteer for the position of WG5 Chair.

8   These actions are still OPEN and on-going.

9   071105-01   The Chair took an action to request SC assignment of SC.R4004-0 for "User
10   Identification Module ID Manufacturer's Code Assignment Guidelines and
11   Procedures".

12   **DECISION: This action was closed without objection.**

13   071105-02   The Chair took an action to request document number SC.P1005-0 v1.0 for
14   the 3GPP2 Drafting Rules document.

15   **DECISION: This action was closed without objection.**

16   071105-03   The Chair took an action to submit the Update to TSG-S Terms of Reference
17   (S00-20071105-112R1) for SC approval.

18   **DECISION: This action was closed without objection.**

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20 7. CORRESPONDENCE AND LIAISON REPORTS:

21   •   OP: No contributions or discussion.

22   •   SC: The Summary of 3GPP2 SC and OP meetings for November 2007 in Osaka
23   (S00-20071203-017) was presented as follows:

24   •   The summary of the November 2007 meeting of the 3GPP2 SC (S00-
25   20071203-017) was presented from the 3GPP2 Secretariat. **ACTION: This**
26   **contribution was remanded to all WGs and AdHocs as FYI.**

27   •   The summary of the November 2007 meeting of the 3GPP2 OP (S00-
28   20071203-017A) was presented from the 3GPP2 Secretariat as FYI for
29   TSG-C.

30   •   The Chair advised the meeting participants of SC DECISION 2007/11-02 as
31   follows:

32   *The Steering Committee agrees that the publication date noted on the*
33   *3GPP2 web site will be consistent with the publication date on the front*
34   *page of the document submitted for publication.*

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- The Chair advised the meeting participants of SC DECISION 2007/11-03 to approve SC correspondence to the TIA HoD regarding urging timely legal review of 3GPP2 documents (S00-20071203-017B) for transmittal. This correspondence was noted as FYI for TSG-C.

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- The Chair advised the meeting participants of SC DECISION 2007/11-03 to endorse the approach for handling references to Internet draft documents as presented. This approach was subsequently approved by the 3GPP2 OP (OP DECISION 2007/11-03) in contribution S00-20071203-017C. **ACTION: This contribution was remanded to all WGs and AdHocs for review and action as appropriate.**

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- The Chair advised the meeting participants of SC DECISION 2007/11-04 as follows:

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The Steering Committee approves the document numbers SC.R4004-0 for "User Identification 20 Module ID Manufacturer's Code Assignment Guidelines and Procedures and SC.P1005-0 v1.0 for the 3GPP2 22 Drafting Rules document.

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- The Chair advised the meeting participants of SC DECISION 2007/11-07 as follows:

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The Steering Committee approves the document number SC.R2005-002-0 v1.0 for the development of UMB-1 System Release Guide.

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- The Chair advised the meeting participants of ACTION 2007/11-04 as follows:

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Contributions SC-20071112-004a, 005a, and 007c containing revised terms of reference for TSG-A, TSG-C and TSG-S respectively, are remanded to all TSGs for review. The PMT is assigned the task of coordinating TSG review of the terms of reference.

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The PMT Chair indicated that a joint session open to all participants will be held during the meetings taking place in December 2007 in Kauai in order to discuss and resolve any outstanding issues.

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It was further noted that, once the TSG review and PMT coordination are concluded, the terms of reference will be presented to the Steering Committee for review and approval via email and will not necessarily wait until the February meeting if the review activity is concluded before that time.

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Lastly, it was noted that action item 2007/11-04 does not preclude the TSGs from addressing any work on activities that fall into the category of "beyond 3G" while this review is taking place.

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ACTION: Proposed ToR for TSG-A (S00-20071203-017D), TSG-C (C00-20071203-010E), and TSG-S (S00-20071203-017F) were remanded to all WGs for review and comment with comments to be coordinated by WG3.

1   **ACTION: The Chair took an action to announce when the SC approves**
2   **the Terms of Reference (S00-20071105-112R1), following the SC review**
3   **of all the TSG ToRs by PMT.**

4 • The Chair noted that a request for 3GPP2 MRP status has been received by
5   the SC from the Femto Forum. This request is currently being evaluated.

6 • 3GPP2 SECRETARIAT: The following contributions were discussed:

7   • E-mail correspondence dated 10 November 2007 regarding V&V review of
8   S.P0109-A v0.1 Generic Bootstrapping Architecture (GBA) Framework
9   (S00-20071203-011) was presented from the 3GPP2 Secretariat. **ACTION:**
10   **This contribution was remanded to WG4 as FYI.**

11   • E-mail correspondence dated 10 November 2007 regarding V&V review of
12   S.P0114-A v1.3 Security Mechanisms Using GBA (S00-20071203-012) was
13   presented from the 3GPP2 Secretariat. **ACTION: This contribution was**
14   **remanded to WG4 as FYI.**

15   • E-mail correspondence dated 10 November 2007 regarding V&V review of
16   S.P0125-0 v0.6 VoIP Supplementary Services (20 Parts) (S00-20071203-
17   013) was presented from the 3GPP2 Secretariat. **ACTION: This**
18   **contribution was remanded to WG1 as FYI.**

19   • E-mail correspondence dated 10 November 2007 regarding V&V review of
20   S.P0127-0 v0.4 CAVE-Based-2G IMS Security (S00-20071203-014) was
21   presented from the 3GPP2 Secretariat. **ACTION: This contribution was**
22   **remanded to WG4 as FYI.**

23   • E-mail correspondence dated 13 November 2007 regarding SC level review
24   of Seven (7) Work Item Worksheets (S00-20071203-015) was presented
25   from the 3GPP2 Secretariat. **ACTION: This contribution was remanded**
26   **to WG3 as FYI.**

27   • E-mail correspondence dated 13 November 2007 regarding SC level approval
28   of Four (4) Work Item Worksheets (S00-20071203-016) was presented from
29   the 3GPP2 Secretariat. **ACTION: This contribution was remanded to**
30   **WG4 as FYI.**

31   • Correspondence to all TSGs regarding Proposed Work Item Review (S00-
32   20071203-018) was presented from the 3GPP2 Secretariat. **ACTION: This**
33   **contribution was remanded to all WGs for review and comment with**
34   **comments to be coordinated by WG3.**

35   • V&V comments regarding S.P0078-B v0.2 Common Security Algorithms
36   (S00-20071203-021) was presented from the 3GPP2 Secretariat. **ACTION:**
37   **This contribution was remanded to WG4 for review and action as**
38   **appropriate.**

1 • E-mail correspondence dated 2 December 2007 regarding MEID
2 Administrator Report - No Activity During November 2007 (S00-20071203-
3 023) was presented from the 3GPP2 Secretariat. **ACTION: This**
4 **contribution was remanded to WG1 as FYI.**

5 • 3GPP2 Workplan Reports for December 2007 (S00-20071203-024) was
6 presented from the 3GPP2 Secretariat. **ACTION: This contribution was**
7 **remanded to all WGs for review and comment with comments to be**
8 **coordinated by WG3.**

9 • TSG-A: Correspondence dated 9 November 2007 regarding TSG-A Work Item,
10 Stage 1, LS, and SC Documents for Review (S00-20071203-008) was presented
11 from TSG-A. **ACTION: This contribution was remanded to WG3 for review**
12 **and action as appropriate.**

13 • TSG-C: The following contributions were discussed:

14 • The TSG-C Liaison Report for October 2007 (S00-20071203-003) was
15 presented from the TSG-C Liaison as FYI for TSG-S. **ACTION:**
16 **Attachments A through C were remanded to WG3 for review and action**
17 **as appropriate.**

18 • Correspondence dated 9 November 2007 regarding Review of Work Item
19 Worksheets (S00-20071203-004) was presented from TSG-C. **ACTION:**
20 **This contribution was remanded to WG3 for review and action as**
21 **appropriate.**

22 • Correspondence to OMA DM dated 9 November 2007 regarding 3GPP2
23 IOTA-DM MOID assignment (S00-20071203-005) was presented from
24 TSG-C. **ACTION: This contribution was remanded to WG3 for review**
25 **and action as appropriate.**

26 • Correspondence to 3GPP SA dated 9 November 2007 regarding LS on
27 Codecs and Common IMS (S00-20071203-006) was presented from TSG-C.
28 **ACTION: This contribution was remanded to WG3 for review and**
29 **action as appropriate.**

30 • Correspondence to TSG-S and TSG-A dated 9 November 2007 regarding
31 Next Generation System Requirement (S00-20071203-007) was presented
32 from TSG-C. **ACTION: This contribution was remanded to WG1 for**
33 **review and action as appropriate.**

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

35 • Correspondence dated 9 November 2007 regarding Review Items (S00-
36 20071203-009) was presented from TSG-X. **ACTION: This contribution**
37 **was remanded to WG1 for review and action as appropriate.**

38 • Correspondence dated 9 November 2007 regarding Generic Bootstrapping
39 Architecture (GBA) (S00-20071203-010) was presented from TSG-X.
40 **ACTION: This contribution was remanded to WG4 for review and**
41 **action as appropriate.**

1 • TIA: Correspondence dated 29 November 2007 regarding V&V of S.P0127 2G IMS
2 Security (S00-20071203-022) was presented from TIA TR45. **ACTION: This**
3 **contribution was remanded to WG4 for review and action as appropriate.**

4 • ITU: No contributions or discussion.

5 • 3GPP: No contributions or discussion.

6 • 3GPP TSG-SA5 and T1M1: An LS dated 3 November 2007 regarding A number of
7 3GPP SA5 R7 Items (S00-20071203-019) was presented from 3GPP SA5.
8 **ACTION: This contribution was remanded to WG5 for review and action as**
9 **appropriate.**

10 • IEEE or WiFi Alliance: No contributions or discussion.

11 • OMA: No contributions or discussion.

12 • CDG: No contributions or discussion.

13 • Other: No contributions or discussion.

14 8. NEW/OLD BUSINESS:

15 • The Chair advised that the T-shirt project is nearing completion. Arrival of the 3GPP2
16 T-shirts is expected on Wednesday or Thursday this week. He thanked Jane Brownley
17 and Andy Dryden for their support for this project.

18 • E-mail regarding non-collusion during quiet period with FCC spectrum auctions (S00-
19 20071203-025) was presented from Verizon Wireless as FYI for TSG-S.

20 9. WORKING GROUP AND ADHOC BUSINESS:

21 • WG1 REQUIREMENTS: No contributions or discussion.

22 • WG2 ARCHITECTURE: No contributions or discussion.

23 • WG3 PMT: No contributions or discussion.

24 • WG4 SECURITY: Additional V&V comment on S.P0078-B v0.2 Common
25 Security Algorithms (S00-20071203-020) was presented from QUALCOMM.
26 **ACTION: This contribution was remanded to WG4 for review and action as**
27 **appropriate.**

28 • WG5 OAM&P: No contributions or discussion.

29 This session was recessed on 3 December 2007 at 2:15 PM local time.

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32 **CLOSING PLENARY**

33 The meeting was reconvened on 6 December 2007 at 1:35 PM local time by TSG-S Chair, Nick
34 Yamasaki (KDDI).

1   Quorum was established at the opening Plenary and not challenged at this time. One (1) additional
2   3GPP2 individual member company was noted in attendance.

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4   10.   WORKING GROUP REPORTS:

5   •   WG1 REPORT: The WG1 report (S00-20071203-101) was presented by WG1
6   Chair, Alex Gogic (QUALCOMM), as FYI.

7   •   Documents being recommended for publication: None

8   •   Documents being recommended for V&V review:
9   •   S.P0006-A Wireless Features Description (parts 807 and 808)
10   •   S.R0128-0 v0.3 Inter-Technology WiMax-HRPD Handoff System
11   Requirements
12   •   S.R0129-0 v0.3 HRPD/1XRTT and 3GPP E-UTRAN (LTE) Inter-
13   working and Inter-Technology Handoff, Stage 1 Requirements
14   •   SC.P4002-0 v4.1 MEID GHA Assignment Guidelines and Procedures
15   •   SC.P4004-0 v0.1 User Identification Module ID Manufacturer's Code
16   Assignment Guidelines and Procedures

17   •   Documents being recommended for TSG review:
18   •   S.P0131-0 v0.5 IMS Centralized Services Stage 1 Requirements

19   •   Progressed the development of the following documents:
20   •   S.P0006-A Cellular Features Descriptions
21   •   S.P0128 and S.P0129 Inter-Technology Interworking
22   •   S.P0131-0 IMS Centralized Services
23   •   S.P0133-0 Call Localization Management
24   •   UMB Enhancements (New Business)

25   The WG1 Chair noted S.P0133-0 Call Localization Management may become a
26   TSG-X document and WG1 will update the Plenary on this topic next month.

27   The Chair provided the following information on the ESN Exhaust situation in the
28   industry:

29   •   There was some discussion in the meeting concerning progress toward MEID
30   upgrades of networks worldwide, considering ESN exhaust, now projected
31   for 1Q2008. CDG has taken an initiative to talk with Asian operators to raise
32   awareness. Detailed technical information is available in the following web
33   links from CDG and TIA:

34   http://www.cdg.org/cdg/teams/MEID.asp

35   http://www.tiaonline.org/policy/publications/white_papers/TIA_ESN_White
36   paper.pdf

1   •   CDG's position is that all networks must complete MEID transition by June
2   2008. CDG's gameplan is believed to be the most appropriate in terms of
3   working with operators. In case there are issues identified in the industry as
4   standards related, involved parties are encouraged to bring them to the
5   attention of TSG-S so that we can expedite any actions as appropriate.

6   **ACTION: All participants are requested to consider any special actions that**
7   **TSG-S should take with regards to ESN Exhaust including any specification**
8   **development efforts related to ESN and MEID.**

9   **DECISION: S.P0129-0 Version 0.3 HRPD/1XRTT and 3GPP E-UTRAN (LTE)**
10   **Interworking and Inter-Technology Handoff Stage 1 Requirements (S00-**
11   **20071203-108) was approved without objection for V&V review by 3GPP2 OPs**
12   **and for distribution to all TSGs as FYI with comments due on or before**
13   **12 January 2008.**

14   **DECISION: S.P0128-0 v0.3 Inter-Technology WiMAX-HRPD System**
15   **Requirements (S00-20071203-113) were approved without objection for V&V**
16   **review by 3GPP2 OPs and for distribution to all TSGs as FYI with comments**
17   **due on or before 12 January 2008.**

18   **DECISION: S.P0006-A Wireless Features Description (parts 807 and 808)**
19   **(S00-20071203-109BR2 and S00-20071203-109DR2) were approved without**
20   **objection for V&V review by 3GPP2 OPs and for distribution to all TSGs as**
21   **FYI with comments due on or before 28 March 2008.**

22   **DECISION: S.P0006-A Wireless Features Description (part 000) (S00-**
23   **20071203-109F) was approved without objection for V&V review by 3GPP2**
24   **OPs and for distribution to all TSGs as FYI with comments on or before**
25   **28 March 2008, pending receipt of updated chapter from editor with the V&V**
26   **version number "1.9" on the cover page and footers and the correct date of**
27   **"December 2008" throughout.**

28   **DECISION: Proposed correspondence to TIA TR45.2 for V&V Review of**
29   **S.P0006-A v2.0 Wireless Features Description (parts 807 and 808) (S00-**
30   **20071203-110R2) was approved without objection for transmission with S00-**
31   **20071203-109 attached.**

32   **DECISION: S.P0131-0 v0.5 IMS Centralized Services Stage 1 Requirements**
33   **(S00-20071203-106) was approved without objection for TSG review.**

34   **DECISION: Proposed correspondence to all TSGs regarding TSG Review of**
35   **S.P0131-0 v0.5 IMS Centralized Services Stage 1 Requirements (S00-20071203-**
36   **107) was approved without objection for transmission with S00-20071203-106**
37   **attached.**

38   **DECISION: Assignment of S.P0134 for use for development of "Evolution of**
39   **Ultra Mobile Broadband SRD" was approved without objection.**

1　　**DECISION: SC.P4004-0 v0.1 User Identification Module ID Manufacturer's**
2　　**Code Assignment Guidelines and Procedures (S00-20071203-112) was approved**
3　　**without objection for V&V review by 3GPP2 OPs and for distribution to all**
4　　**TSGs as FYI with comments due on or before 12 January 2008.**

5　　**DECISION: SC.P4002-0 v4.1 MEID GHA Assignment Guidelines and**
6　　**Procedures (S00-20071203-111) was approved without objection for V&V**
7　　**review by 3GPP2 OPs and for distribution to all TSGs as FYI with comments**
8　　**due on or before 12 January 2008.**

9　　**ACTION: WG1 Development Schedule Information (S00-20071203-101A) was**
10　　**remanded to the PMT Coordinator for incorporation into the 3GPP2 Workplan.**

11　　• 　WG2 REPORT: The WG2 report (S00-20071203-102) was presented by WG2
12　　　　Chair, Scott Marin (Motorola), as FYI.

13　　　　• 　This primary focus of WG2 this week was S.P0124-0 Ultra Mobile
14　　　　　　Broadband (UMB) Network Architecture Model (NAM)

15　　　　• 　Reviewed all TSG comments on this NAM in an attempt to align with the
16　　　　　　V&V version of X.S0054-000-0

17　　　　• 　WG2 Chair is co-chairing joint TSG meetings to discuss Femto Architecture
18　　　　　　on super-meeting Mondays during the 3:30-5:00 PM time slot.

19　　**ACTION: WG2 updates to the TSG-S Workplan (S00-20071203-102A) were**
20　　**remanded to WG3 for review and action as appropriate.**

21　　• 　WG3 REPORT: The WG3 report (S00-20071203-103) was presented by WG3
22　　　　Chair, Eileen McGrath (NEC), as FYI. This report was not reviewed in detail.

23　　**DECISION: The following WIs were approved without objection for**
24　　**distribution by the PMT Manager for TSG review as available from the 3GPP2**
25　　**website unless indicated as a contribution number below:**

26　　　　• 　**3GPP2-00205: UMB Enhancements (S00-20071203-103C)**

27　　　　• 　**3GPP2-00206: Enhancements of Positioning for HRPD Access Terminals**
28　　　　　　**(S00-20071203-103D)**

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

32　　　　• 　**3GPP2-00192: Tunneling of High Rate Packet Data and 1x Packets over**
33　　　　　　**UMB**

34　　**DECISION: Proposed correspondence to all TSGs regarding Recognition of**
35　　**Common IMT-Advanced Initiatives and TSG-S hosting of Joint Strategy**
36　　**Session (S00-20071203-115R6) was approved without objection for transmission.**

37　　**DECISION: Proposed correspondence to TSG-C regarding Review of Work**
38　　**Items (S00-20071203-116) was approved without objection for transmission.**

1 **DECISION: Proposed correspondence to all TSGs regarding On-going review**
2 **of SC.P2005-002 v0.3 UMB-1 System Release Guide (S00-20071203-117) was**
3 **approved without objection for transmission with its attachment.**

4 **DECISION: Proposed correspondence to the 3GPP2 SC Chair regarding SC**
5 **Action 2007/11-04 Terms of Reference (S00-20071203-127) was approved**
6 **without objection for transmission with its attachment.**

7 • WG4 REPORT: The WG4 report (S00-20071203-104) was presented by WG4
8 Chair, Anand Palanigounder (QUALCOMM), as FYI.

9 • Progressed the work of the following:
10 • S.S0053, S.S0055, S.S0078 Algorithms
11 • S.P0109-0, S.R0112-0, S.P0114-0 GBA
12 • S.P0132 UMB/CAN Security
13 • S.S0086-B IMS Domain Security
14 • Femto Cell Systems

15 **DECISION: S.P0078-B Common Security Algorithms (link included in S00-**
16 **20071203-119) was approved without objection for publication as S.S0078-B**
17 **v1.0.**

18 **DECISION: Proposed correspondence to TIA TR45 AHAG regarding**
19 **Comment Resolution for S.S0078-B v1.0 Common Security Algorithms (S00-**
20 **20071203-120) was approved without objection for transmission.**

21 **DECISION: S.P0086-B v1.0.1 IMS Security Framework (S00-20071203-121)**
22 **was approved without objection for V&V review by 3GPP2 OPs and for**
23 **distribution to all TSGs as FYI with comments due on or before 15 February**
24 **2008.**

25 **DECISION: S.P0109-0 v1.0.1 Generic Bootstrapping Architecture (GBA)**
26 **Framework (S00-20071203-122) was approved without objection for V&V**
27 **review by 3GPP2 OPs and for distribution to all TSGs as FYI with comments**
28 **due on or before 15 February 2008.**

29 **DECISION: S.P0114-0 v1.0.1 Security Mechanisms using GBA (S00-20071203-**
30 **123) was approved without objection for V&V review by 3GPP2 OPs and for**
31 **distribution to all TSGs as FYI with comments due on or before 15 February**
32 **2008.**

33 **DECISION: Proposed correspondence to TIA TR45 AHAG regarding TIA**
34 **Legal Comments resolution on S.S0086, S.S0109, and S.S0114 (S00-20071203-**
35 **124R2) was approved without objection for transmission with its attachments.**

36 **DECISION: Proposed correspondence to OMA SEC WG regarding GBA work**
37 **in 3GPP2 and OMA CIBA (S00-20071203-125R1) was approved without**
38 **objection for transmission.**

39 **DECISION: Proposed correspondence to TIA TR45 AHAG regarding V&V of**
40 **S.P0127 2G IMS Security (S00-20071203-126R1) was approved without**
41 **objection for transmission.**

1 **ACTION: The PMT Coordinator should note that S.P0132 is not a required**
2 **document for the UMB-1 release and all dependencies should be removed from**
3 **the workplan on release critical work items.**

4 **ACTION: WG4 is strongly requested to make input on Femto Cell**
5 **Architecture development activities via sessions hosted jointly by TSG-X ERA**
6 **and TSG-S WG2.**

7 • WG5 REPORT: The WG5 report (S00-20071203-105) was presented by the acting
8 Secretary as FYI.

9 • Held joint conference call with 3GPP SA5 regarding future OAM&P
10 development activities.

11 • Held conference call to discuss the future of TSG-S WG5. This discussion
12 was necessitated by the fact that former WG5 participant, Randy Scheer
13 (Alcatel-Lucent), may no longer be able to participate in TSG-S WG5. Since
14 WG5 had only two (2) primary participants, the future of WG5 must be
15 evaluated in light of Randy's potential resignation from that group. Alcatel-
16 Lucent has not yet named a replacement.

17 Randy Scheer (Alcatel-Lucent) indicated that he expects to be advised by the
18 January 2008 super-meetings of 3GPP2 on whether or not he will be able to
19 continue his participation in TSG-S WG5. However, he will inform the
20 TSG-S management team and WG5 participant, Frode Negard (Ericsson), as
21 soon as he has any information on this topic.

22 Based on this status, TSG-S Chair, Nick Yamasaki (KDDI), directed that all
23 discussions related to the future of WG5 be deferred until the January 2008
24 meeting of TSG-S in Hollywood, CA, USA.

25 • All other WG5 business was deferred to the next meeting pending resolution
26 of issues related to the future of WG5 as indicated above.

27 There were no requests for Plenary action at this time.

28 11. ADDITIONAL CORRESPONDENCE AND LIAISON REPORTS:

29 • OP: No contributions or discussions.

30 • SC: No contributions or discussions.

31 • 3GPP2 SECRETARIAT: No contributions or discussions.

32 • TSG-A: The following contributions were discussed:

33 • Correspondence to TSG-S and TSG-X dated 6 December 2007 regarding
34 Requests for UMB-HRPD/1x Security Review (S00-20071203-118) was
35 presented from TSG-A. **ACTION: This contribution was remanded to**
36 **WG4 for review and action as appropriate.**

1   •   Correspondence dated 6 December 2007 regarding TSG-A Work Item,
2   Stage 1, LS, and SC Documents for Review (S00-20071203-128) was
3   presented from TSG-A. **ACTION: This contribution was remanded to**
4   **WG1 and WG3 for review and action as appropriate.**

5   •   TSG-C: No contributions or discussions.

6   •   TSG-X: No contributions or discussions.

7   •   TIA: Correspondence to TSG-X dated 6 December 2007 regarding Impact of
8   Common IMS on TIA TR45.2 (S00-20071203-129) was presented from TIA TR45.2
9   as FYI. **ACTION: This contribution was remanded to WG1 and WG4 for**
10   **review and action as appropriate.**

11   •   ITU: No contributions or discussion.

12   •   3GPP: An LS dated 6 December 2007 regarding Follow-up to 3GPP2 LS on
13   Mobility interworking between 3GPP and 3GPP2 systems (S00-20071203-114) was
14   presented from 3GPP SA. **ACTION: This contribution was remanded to WG3**
15   **for review and action as appropriate.**

16   •   3GPP TSG-SA5 and T1M1: No contributions or discussion.

17   •   IEEE or WiFi Alliance: No contributions or discussion.

18   •   OMA: No contributions or discussion.

19   •   CDG: No contributions or discussion.

20   •   Other: No contributions or discussion.

21   12.   NEW BUSINESS (continued):

22   •   The Chair announced (with email to follow) that a TSG-X and TSG-S hosted
23   conference call on common IMS issues will be held on 8 January 2007 at 12:00 PM
24   US west coast time for 1 hour. Call information is noted as follows:

25   Call in number: +1 858-845-5000. After the greeting, press 1 to attend meeting,
26   Enter Meeting ID 33332, Enter Meeting Password 33332 followed by the # sign.

27   13.   OLD BUSINESS (continued):

28   •   The TSG-S Document Status Table (S00-20071203-100) was presented and
29   reviewed. **DECISION: This contribution (S00-20071203-100) was approved**
30   **pending final review by WG Chairs and document Editors by COB Tuesday**
31   **11 December 2007.**

32   14.   ADMINISTRATION, OPEN ACTION ITEMS, AND OTHER BUSINESS:

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

14-17 January 2008	Renaissance Hollywood Hotel, Hollywood, CA, USA
18-22 February 2008	Sheraton Xiamen Hotel, Xiamen, China
31 March – 3 April 2008	Montreal, PQ, Canada

1   •   Although not explicitly reviewed during the meeting, the assignments, other than
2   document remands, action items that were not completed at this meeting are
3   summarized as follows:

4   061030-01   The Chair requested volunteers to serve in the capacity of WG5 Chair.

5   061030-02   The Chair remanded an action to WG5 to make a recommendation for
6   someone to serve as the WG5 Chair.

7   061030-03   Clif Barber (KDDI) was appointed as the WG5 Coordinator to facilitate WG5
8   conference calls and the identification of a volunteer for the position of WG5 Chair.

9   071203-01   The Chair took an action to announce when the SC approves the Terms of
10   Reference (S00-20071105-112R1) following the SC review of all the TSG ToRs by
11   PMT.

12   071203-02   All participants are requested to consider any special actions that TSG-S
13   should take with regards to ESN Exhaust including any specification development
14   efforts related to ESN and MEID.

15   071203-03   The PMT Coordinator should note that S.P0132 is not a required document
16   for the UMB-1 release and all dependencies should be removed from the workplan
17   on release critical work items.

18   071203-04   WG4 is strongly requested to make input on Femto Cell Architecture
19   development activities via sessions hosted jointly by TSG-X ERA and TSG-S WG2.

20

21 The Plenary was adjourned on 6 December 2007 at 3:20 PM local time.

22

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – S00-20071203-			
000	DOCUMENT REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVED R1
002	TSG-S Meeting Summary – November 2007 – Osaka, Japan	SECRETARY	APPROVED
003	TSG-C Liaison Report – November 2007	TSG-C LIAISON	FYI A-C → WG3
004	Correspondence dated 9 November 2007 regarding Review of Work Item Worksheets	TSG-C	WG3
005	Correspondence to OMA DM dated 9 November 2007 regarding 3GPP2 IOTA-DM MOID assignment	TSG-C	WG3
006	Correspondence to 3GPP SA dated 9 November 2007 regarding LS on Codecs and Common IMS	TSG-C	WG3
007	Correspondence to TSG-S and TSG-A dated 9 November 2007 regarding Next Generation System Requirement	TSG-C	WG1
008	Correspondence dated 9 November 2007 regarding TSG-A Work Item, Stage 1, LS, and SC Documents for Review	TSG-A	WG1, WG3
009	Correspondence dated 9 November 2007 regarding Review Items	TSG-X	WG1
010	Correspondence dated 9 November 2007 regarding Generic Bootstrapping Architecture (GBA)	TSG-X	WG4
011	E-mail correspondence dated 10 November 2007 regarding V&V review of S.P0109-A v0.1 Generic Bootstrapping Architecture (GBA) Framework	3GPP2 SECRETARIAT	WG4
012	E-mail correspondence dated 10 November 2007 regarding V&V review of S.P0114-A v1.3 Security Mechanisms Using GBA	3GPP2 SECRETARIAT	WG4

NUMBER	SUBJECT	SOURCE	ACTION
013	E-mail correspondence dated 10 November 2007 regarding V&V review of S.P0125-0 v0.6 Voice Supplementary Services (20 Parts)	3GPP2 SECRETARIAT	WG1
014	E-mail correspondence dated 10 November 2007 regarding V&V review of S.P0127-0 v0.4 CAVE-Based-2G IMS Security	3GPP2 SECRETARIAT	WG4
015	E-mail correspondence dated 13 November 2007 regarding SC level review of Seven (7) Work Item Worksheets	3GPP2 SECRETARIAT	WG3
016	E-mail correspondence dated 13 November 2007 regarding SC level approval of Four (4) Work Item Worksheets	3GPP2 SECRETARIAT	WG3
017	Summary of 3GPP2 SC and OP meetings for November 2007 in Osaka	3GPP2 SECRETARIAT	ALL WGs
018	Correspondence to all TSGs regarding Proposed Work Item Review	PMT COORDINATOR	ALL WGs
019	LS dated 3 November 2007 regarding A number of 3GPP SA5 R7 Items	3GPP SA5	WG5
020	Additional V&V comment on S.P0078-B v0.2 Common Security Algorithms	QUALCOMM	WG4
021	V&V comments regarding S.P0078-B v0.2 Common Security Algorithms	3GPP2 SECRETARIAT	WG4
022	Correspondence dated 29 November 2007 regarding V&V of S.P0127 2G IMS Security	TIA TR45	WG4
023	E-mail correspondence dated 2 December 2007 regarding MEID Administrator Report - No Activity During November 2007	3GPP2 SECRETARIAT	WG1
024	3GPP2 Workplan Reports – December 2007	3GPP2 SECRETARIAT	ALL WGs
025	E-mail regarding non-collusion during quiet period with FCC spectrum auctions	VERIZON WIRELESS	FYI
CLOSING PLENARY – S00-20071203-			
101	WG1 Report	WG1	FYI

NUMBER	SUBJECT	SOURCE	ACTION
102	WG2 Report	WG2	FYI
103	WG3 Report	WG3	FYI
104	WG4 Report	WG4	FYI
105	WG5 Report	WG5	FYI
106	S.P0131-0 v0.5 IMS Centralized Services Stage 1 Requirements proposed TSG review text	WG1	APPROVED
107	Proposed correspondence to all TSGs regarding TSG Review of S.P0131-0 v0.5 IMS Centralized Services Stage 1 Requirements	WG1	APPROVED
108	S.P0129-0 Version 0.3 HRPD/1XRTT and 3GPP E-UTRAN (LTE) Interworking and Inter-Technology Handoff Stage 1 Requirements proposed V&V text	WG1	APPROVED
109	S.P0006-A Wireless Features Description (parts 807 and 808) proposed V&V text	WG1	APPROVED BR2, DR2, & FI
110	Proposed Correspondence to TIA TR45.2 for V&V Review of S.P0006-A v2.0 Wireless Features Description (parts 807 and 808)	WG1	APPROVED R1
111	SC.P4002 v4.1 MEID GHA Assignment Guidelines and Procedures proposed V&V text	WG1	APPROVED
112	SC.P4004 v0.1 User Identification Module ID Manufacturer's Code Assignment Guidelines and Procedures proposed V&V text	WG1	APPROVED
113	S.R0128-0 v0.3 Inter-Technology WiMAX-HRPD System Requirements proposed V&V text	WG1	APPROVED
114	LS dated 6 December 2007 regarding Follow-up to 3GPP2 LS on Mobility interworking between 3GPP and 3GPP2 systems.	3GPP SA	WG3
115	Proposed correspondence to all TSGs regarding Recognition of Common IMT-Advanced Initiatives AND TSG-S hosting of Joint Strategy Session	WG3	APPROVED R6

NUMBER	SUBJECT	SOURCE	ACTION
116	Proposed correspondence to TSG-C regarding Review of Work Items	WG3	APPROVED
117	Proposed correspondence to all TSGs regarding On-going review of SC.P2005-002 v0.3, UMB-1 System Release Guide	WG3	APPROVED
118	Correspondence to TSG-S and TSG-X dated 6 December 2007 regarding Requests for UMB-HRPD/1x Security Review	TSG-A	WG4
119	S.P0078-B Common Security Algorithms proposed publication text	WG4	APPROVED
120	Proposed correspondence to TIA TR45 regarding Comment Resolution for S.S0078-B v1.0 Common Security Algorithms	WG4	APPROVED
121	S.P0086-B IMS Security Framework proposed V&V text	WG4	APPROVED
122	S.P0109-0 Generic Bootstrapping Architecture (GBA) Framework proposed V&V text	WG4	APPROVED
123	S.P0114-0 Security Mechanisms using GBA proposed V&V text	WG4	APPROVED
124	Proposed correspondence to TIA TR45 AHAG regarding TIA Legal Comments resolution on S.S0086, S.S0109, and S.S0114	WG4	APPROVED R2
125	Proposed correspondence to OMA SEC WG regarding GBA work in 3GPP2 and OMA CIBA	WG4	APPROVED R1
126	Proposed correspondence to TIA TR45 AHAG regarding V&V of S.P0127 2G IMS Security	WG4	APPROVED
127	Proposed correspondence to the 3GPP2 SC Chair regarding SC Action 2007/11-04 Terms of Reference	WG3	APPROVED
128	Correspondence dated 6 December 2007 regarding TSG-A Work Item, Stage 1, LS, and SC Documents for Review	TSG-A	WG1, WG3
129	Correspondence to TSG-X dated 6 December 2007 regarding Impact of Common IMS on TIA TR45.2	TIA TR45.2	WG1, WG4

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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) v2.0	WG2
S.R0006-0	Cellular Features Description (TIA/EIA-664-A Rev A) v1.0	WG1
S.R0006-A	Wireless Feature Descriptions 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 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
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 v3.0	NUMBERING ADHOC
S.R0035-0	RESCINDED: Superseded by S.R0079-0	WG1
S.R0037-0	3GPP2 NAM v3.0	WG2
S.P0037-A	3GPP2 NAM v1.0	WG2
S.R0037-B	3GPP2 NAM v1.0	WG2
S.R0038-0	3GPP2 Evolution Document v2.0	WG2

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	**TITLE**	**RESP**
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
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.R0079-A	End-to-End QoS 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

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	**TITLE**	**RESP**
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 v2.0	WG1
S.P0107-0	RESCINDED - 4/20/05 - Unsponsored WI	
S.R0108-0	HRPD-cdma2000 1x Interworking System Requirements v2.0	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 v2.0	WG1
S.R0112-0	General Bootstrapping Architecture (GBA) Stage 1 Requirements v1.0	WG1
S.R0113-0	Enhanced cdma2000 SRD v1.0	WG1
S.S0114-0	Security Mechanisms Using GBA v1.0	WG4
S.R0115-0	All-IP Emergency Call Support v1.0	WG1
S.P0116-0	PPP-Free Operation Stage 1 CANCELLED – 26 July 2007	WG1
S.R0117-0	Multimedia Priority Services Stage 1 v1.0	WG1
S.R0118-0	Telephone Number Mapping (ENUM) Stage1 v1.0	WG1
S.R0121-0	3GPP2 Evolved Network SRD v1.0	WG1
S.R0122-0	Preferred Cryptographic Profiles v1.0	WG4
S.R0120-0	MMD Policy Enhancements SRD	WG1
S.R0123-0	Enhanced MMD Security Requirements Stage 1	WG1, WG4

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TSG-S PROJECTS IN DEVELOPMENT		
NUMBER	**TITLE**	**RESP**
S.P0028-xxx-C	OAM&P	WG5
S.P0076-0	Protocol Alignment Reference	WG3
S.P0078-B	Common Security Algorithms	WG4
S.P0093-A	Definition of Performance Measurement Types	WG5
S.P0119-0	Proximity Mobile Gateway Stage 1	WG1
S.P0124-0	UMB NAM	WG2
S.P0125-0	VoIP Supplementary Services Feature Descriptions	WG1
S.P0126-0	System Enhancements for Femto and Pico Cells SRD	WG1
S.P0127-0	IMS Security for 2G R-UIMs	WG4
S.P0128-0	HRPD and WiMAX Inter-Technology Handoff Stage 1 Requirements	WG1
S.P0129-0	HRPD/1XRTT and 3GPP E-UTRAN (LTE) Interworking and Inter-Technology Handoff Stage 1 Requirements	WG1
S.P0130-0	Interworking and Inter-Technology Handoff for UMB and UTRA/E-UTRA Technologies Stage 1	WG1
S.P0131-0	IMS centralized Services Stage 1	WG1
S.P0132-0	UMB/CAN Security	WG4
S.P0133-0	Call Localization Management Stage 1	WG1
S.P0134-0	Evolution of Ultra Mobile Broadband SRD	WG1

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3GPP2 QUORUM ROLL CALL
TSG-S (Systems and Services Aspects)
Kauai, HI, USA
6-Dec-07

INDIVIDUAL MEMBER COMPANY	Attendance	Attendance	Consec Mtgs Missed	Voting Status	Quorum Status	Voting Status	Quorum Status
	12/3/007	12/6/2007	(incl this Mtg)	for this Mtg	for this Mtg	as of next Mtg*	as of next Mtg*
AIRVANA			1	1	1	1	1
ALCATEL-LUCENT	1		0	1	1	1	1
ALLTEL		1	0	1	1	1	1
CHINA UNICOM	1		0	1	1	1	1
ERICSSON	1		0	1	1	1	1
GEMALTO			3	0	0	0	0
HITACHI	1		0	1	1	1	1
HUAWEI	1		0	1	1	1	1
KDDI	1		0	1	1	1	1
KYOCERA	1		0	1	1	1	1
LG ELECTRONICS			3	1	1	0	0
LG TELECOM			1	1	1	1	1
MOTOROLA	1		0	1	1	1	1
NEC	1		0	1	1	1	1
NEWSTEP NETWORKS			2	1	1	1	1
NORTEL NETWORKS	1		0	1	1	1	1
QUALCOMM	1		0	1	1	1	1
RESEARCH IN MOTION			3	0	0	0	0
RITT			1	1	0	0	0
SAMSUNG			2	0	0	0	0
SK TELECOM	1		0	1	1	1	1
SPRINT/NEXTEL			1	1	1	1	1
TELCORDIA			2	1	0	1	0
TELCOWARE			3	0	0	0	0
US CELLULAR			2	0	0	0	0
VERIZON WIRELESS	1		0	1	1	1	1
ZTE	1		0	1	1	1	1
TOTALS	**14**	**1**		**21**	**19**	**19**	**18**
QUORUM CALCULATION	**74%**	**5%**					
ADDITIONS							
Mobile Satellite Ventures (MSV)		1					
OBSERVERS AND GUESTS							
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

0 = Letter of Proxy in effect

* assumes attendance at the next meeting

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