

1 **Title:**

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2 **APPROVED SUMMARY OF TSG-S MEETING**  
3 for 4-7 December 2006 in Maui, HI, USA

4 **Source:**

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14 **Abstract:**

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15 This document is a summary of the 3GPP2 TSG-S meetings that were held during the period of  
16 4-7 December 2006 in Maui, HI, USA.

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18 **Recommendations:**

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19 For review and approval.

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21 **Notice:**

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1 During the period of 4-7 December 2006, 3GPP2 TSG-S meetings were held at the Grand Wailea  
2 Hotel in Maui, HI, USA. 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 4 December 2006 at 1:23 PM local time by TSG-S Chair, Nick Yamasaki (KDDI).

6 The Chair welcomed the participants to Maui.

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

9 The Chair announced the following logistics for the Maui meeting:

- 10 • A joint meeting will be held on Monday 4 December 2006 to discuss 3GPP2  
11 Network Evolution issues during the 3-5 PM timeframe.
- 12 • The presentation from NENA will be held on Tuesday 5 December 2006 during  
13 the 4-5 PM timeframe.
- 14 • The 3GPP2 year-end celebration will be held on Tuesday 5 December 2006  
15 starting at 6:30 PM.

16 2. ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of TSG-S active  
17 companies indicated 12 companies in attendance out of 18 active companies (67%  
18 participation). Thus, meeting quorum was achieved.

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

20 3. DISTRIBUTION AND NUMBERING OF CONTRIBUTIONS: Contributions were  
21 documented in S00-20061204-000. All contributions were distributed in soft copy format  
22 and made available from the LAN based server.

23 4. ADOPTION OF AGENDA: The proposed agenda (S00-20061204-001) was presented  
24 and reviewed. **DECISION: The agenda was approved without objection as**  
25 **submitted (S00-20061204-001).**

26 5. REVIEW AND APPROVAL OF PREVIOUS MEETING SUMMARY: The summary of  
27 the October 2006 TSG-S meeting in Northbrook, IL, USA (S00-20061204-002) was  
28 presented. **DECISION: This summary was approved as submitted (S00-20061204-**  
29 **002).**

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

32 060327-01 The summary of the 3GPP2 SC and OP meetings for February 2006 in  
33 Jeju, Korea (S00-20060327-021) was remanded to all WGs for review and action  
34 as appropriate with WG3 taking the lead on SC Action 2006/02-01 and  
35 codification of "clean vs. rev marks" issues. This action remains OPEN until the  
36 October 2006 closing Plenary.

37 This action remains OPEN until the closing Plenary.

1           061030-01    The Chair requested volunteers to serve in the capacity of WG5 Chair.

2                    This action remains OPEN.

3           061030-02    The Chair remanded an action to WG5 to make a recommendation for  
4                    someone to serve as the WG5 Chair by the opening Plenary of the December 2006  
5                    meeting.

6                    This action remains OPEN.

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

10                   This action remains OPEN.

11           061030-04    TSG-S responsibility for coordination of comments related to TSG-X  
12                    Scope of Work issues (SC ACTION 2006/10-09) was remanded to WG1, WG2,  
13                    and WG3 for review and comment with comments from the TSG-S WGs and the  
14                    other TSGs to be coordinated by WG3.

15                   This action remains OPEN until closing Plenary.

16           061030-05    The Chair has an action to question the SC Chair to determine if there are  
17                    licensing opportunities for non-EU companies regarding WI 3GPP2-00173  
18                    Assisted Galileo Support.

19                    **DECISION: This action was CLOSED without objection.**

## 20   6.   CORRESPONDENCE AND LIAISON REPORTS

21           •       OP: No contributions.

22           •       SC: E-mail correspondence dated 26 November 2006 regarding licensing  
23                    opportunities for non-EU companies using assisted Galileo support (S00-  
24                    20061204-026) was presented from the 3GPP2 SC Chair. **ACTION: This**  
25                    **contribution was remanded to WG3 for review and action appropriate.**

26           •       3GPP2 SECRETARIAT: The following correspondences were noted:

27                   •       Correspondence to all TSGs dated 3 November 2006 regarding Proposed  
28                    Work Item Review (S00-20061204-016) was presented from the 3GPP2  
29                    Secretariat. **ACTION: This contribution was remanded to all WGs**  
30                    **for review and comment with comments to be coordinated by WG3.**

31                   •       E-mail correspondence dated 14 November 2006 regarding Publication of  
32                    SC.R2004-002-0 v1.0 SRG Release 4 (S00-20061204-017) was presented  
33                    from the 3GPP2 Secretariat. **ACTION: This contribution was**  
34                    **remanded to WG3 as FYI.**

- 1           •       E-mail correspondence dated 6 November 2006 regarding SC level review  
2           of Work Item 3GPP2-00167 (S00-20061204-018) was presented from the  
3           3GPP2 Secretariat. **ACTION: This contribution was remanded to**  
4           **WG3 and WG4 as FYI.**
- 5           •       V&V comments regarding S.P0006-A Cellular Features Description  
6           (S00-20061204-019) were presented from the 3GPP2 Secretariat.  
7           **ACTION: This contribution was remanded to WG1 for review and**  
8           **action as appropriate.**
- 9           •       V&V comments regarding S.P0037-B v0.3 All IP NAM (S00-20061204-  
10          028) were presented from the 3GPP2 Secretariat. **ACTION: This**  
11          **contribution was remanded to WG2 for review and action as**  
12          **appropriate.**
- 13          •       3GPP2 Workplan Files for December 2006 (S00-20061204-036) were  
14          presented from the 3GPP2 Secretariat. **ACTION: This contribution**  
15          **was remanded to all WGs for review and comment with comments to**  
16          **be coordinated by WG3.**
- 17          •       TSG-A: The following contribution was discussed:
- 18               •       Correspondence dated 2 November 2006 regarding TSG-A Work Item,  
19               Stage 1, LS, and SC Documents for Review (S00-20061204-007) was  
20               presented from TSG-A. **ACTION: This contribution was remanded to**  
21               **WG3 for review and action as appropriate.**
- 22               •       Correspondence dated 2 November 2006 regarding Work Plan Questions  
23               (S00-20061204-008) was presented from TSG-A. **ACTION: This**  
24               **contribution was remanded to WG3 for review and action as**  
25               **appropriate.**
- 26          •       TSG-C: The following contributions were discussed:
- 27               •       The TSG-C Liaison Report for October 2006 (S00-20061204-003) was  
28               presented from the TSG-C Liaison. **ACTION: The attached WIs**  
29               **(attachments A through F) were remanded to WG3 for review and**  
30               **action as appropriate.**
- 31               •       Correspondence to TSG-S and TSG-X dated 30 October 2006 regarding  
32               AN Macros and RF Loss (S00-20061204-004) was presented from TSG-C  
33               as FYI for TSG-S.
- 34               •       Correspondence dated 3 November 2006 regarding LBC Security (S00-  
35               20061204-005) was presented from TSG-C. **ACTION: This**  
36               **contribution was remanded to WG4 for review and action as**  
37               **appropriate.**

- 1           •       Correspondence dated 3 November 2006 regarding review of Work Item  
2           Work Sheets (S00-20061204-006) was presented from TSG-C.  
3           **ACTION: This contribution was remanded to WG3 for review and**  
4           **action as appropriate.**
- 5           •       Correspondence dated 4 December 2006 regarding 3GPP2 Workplan  
6           update (S00-20061204-037) was presented from TSG-C. **ACTION: This**  
7           **contribution was remanded to WG3 for review and action as**  
8           **appropriate.**
- 9           •       TSG-X: The following contributions were discussed from TSG-X:
- 10          •       Correspondence to TSG-C dated 3 November 2006 regarding AN Macros  
11          and RF Loss (S00-20061204-009) was presented from TSG-X as FYI for  
12          TSG-S.
- 13          •       Correspondence dated 3 November 2006 regarding Requirements for  
14          MMD Enhanced Policy and MMD Roaming (S00-20061204-010) was  
15          presented from TSG-X. **ACTION: This contribution was remanded to**  
16          **WG1 for review and action as appropriate.**
- 17          •       Correspondence to all TSGs dated 3 November 2006 regarding Network  
18          Evolution Discussions in TSG-X (S00-20061204-011) was presented from  
19          TSG-X. **ACTION: This contribution was remanded to all WGs as**  
20          **FYI.**
- 21          •       Correspondence dated 3 November 2006 regarding Review Items (S00-  
22          20061204-012) was presented from TSG-X. **ACTION: This**  
23          **contribution was remanded to WG3 and the Numbering AdHoc for**  
24          **review and action as appropriate.**
- 25          •       Correspondence dated 3 November 2006 regarding TSG-X Position on  
26          NENA (S00-20061204-013) was presented from TSG-X. **ACTION:**  
27          **This contribution was remanded to WG1 for review and action as**  
28          **appropriate.**
- 29          •       Correspondence dated 3 November 2006 regarding MMD Roaming  
30          Requirements (S00-20061204-014) was presented from TSG-X.  
31          **ACTION: This contribution was remanded to WG1 for review and**  
32          **action as appropriate.**
- 33          •       Correspondence dated 3 November 2006 regarding S.P0115 MMD  
34          Emergency Call Support (S00-20061204-015) was presented from TSG-X.  
35          **ACTION: This contribution was remanded to WG1 for review and**  
36          **action as appropriate.**

- 1           •       TIA: The following contributions were discussed:
- 2                   •       Correspondence dated 20 November 2006 regarding Ballot comments for  
3                   TSB-100-A-2 Network Reference Model for cdma2000 Spread Spectrum  
4                   Systems (S00-20061204-020) was presented from TIA TR45.2.  
5                   **ACTION: This contribution was remanded to WG2 for review and**  
6                   **action as appropriate.**
- 7                   •       Correspondence dated 1 December 2006 regarding TIA TR-45 comments  
8                   on V&V of S.S0055-A v4.0 Enhanced Cryptographic Algorithms and  
9                   S.S0078-A v4.0 Common Security Algorithms (S00-20061204-033) was  
10                  presented from TIA TR45. **ACTION: This contribution was remanded**  
11                  **to WG4 for review and action as appropriate.**
- 12           •       ITU: No contributions.
- 13           •       3GPP: No contributions.
- 14           •       3GPP SA5 and T1M1: The following contributions were discussed:
- 15                   •       E-mail correspondence dated 6 November 2006 regarding 3GPP SA5 LS  
16                   on IMS Harmonization and SuM common sessions (S00-20061204-021)  
17                   was presented from 3GPP SA5. **ACTION: This contribution was**  
18                   **remanded to WG5 for review and action as appropriate.**
- 19                   •       E-mail correspondence dated 6 November 2006 regarding comments &  
20                   questions on 3GPP SA5 R6 IRP definitions (S00-20061204-022) was  
21                   presented from 3GPP SA5. **ACTION: This contribution was**  
22                   **remanded to WG5 for review and action as appropriate.**
- 23                   •       E-mail correspondence dated 6 November 2006 regarding IMS  
24                   Harmonization (S00-20061204-023) was presented from 3GPP SA5.  
25                   **ACTION: This contribution was remanded to WG5 for review and**  
26                   **action as appropriate.**
- 27                   •       Meeting notes from the methodology alignment telephone conference  
28                   between ITU-T SG4 and 3GPP SA5 (S00-20061204-024) was presented  
29                   from 3GPP SA5. **ACTION: This contribution was remanded to WG5**  
30                   **for review and action as appropriate.**
- 31           •       WiFi Alliance/IEEE 802: No contributions.
- 32           •       OMA (Open Mobile Alliance): No contributions.
- 33           •       CDG: E-mail correspondence dated 28 November 2006 regarding CDG ETO  
34                   update for 3GPP2 Network Evolution SRD (S.P0121) (S00-20061204-030) was  
35                   presented from CDG ETO. **ACTION: This contribution was remanded to all**  
36                   **WGs for review and comment with comments to be coordinated by WG1.**
- 37           •       OTHER: No contributions.

- 1 8. NEW/OLD BUSINESS: The following contributions were discussed:
- 2 • NOMINATIONS FOR TSG-S LEADERSHIP FOR THE NEXT TERM: The
- 3 following letters of nomination and support were noted:
- 4 • TSG-S CHAIR:
- 5 • Letter of nomination and support for Nick Yamasaki for the
- 6 position of TSG-S Chair (S00-20061204-031)
- 7 • TSG-C VICE CHAIR:
- 8 • Letter of nomination and support for Jane Brownley for the
- 9 position of TSG-S Vice Chair (S00-20061204-029)
- 10 • Letter of nomination and support for Sean Kwok for the position of
- 11 TSG-S Vice Chair (S00-20061204-032)
- 12 • Letter of nomination and support for Chuan Jia for the position of
- 13 TSG-S Vice Chair (S00-20061204-034)

14 TSG Chair and Vice Chair Election Guidelines (S00-20061204-027) were noted

15 from the 3GPP2 Secretariat as FYI for TSG-S.

16 8. WG BUSINESS:

- 17 • WG1 ISSUES: V&V comments regarding S.P0006-A Cellular Features
- 18 Description (S0020061204-025) were presented from QUALCOMM. **ACTION:**
- 19 **This contribution was remanded to WG1 for review and action as**
- 20 **appropriate.**
- 21 • WG2 ISSUES: No additional contributions or issues were noted.
- 22 • WG3 (PMT) ISSUES: No additional contributions or issues were noted.
- 23 • WG4 ISSUES: No additional contributions or issues were noted.
- 24 • WG5 ISSUES: A WG5 Interim Report (S00-20061204-035R1) was presented
- 25 from the WG Coordinator, Clif Barber (KDDI), as FYI for TSG-S.
- 26 • EQUIPMENT NUMBERING ADHOC ISSUES: No additional contributions or
- 27 issues were noted.

28 A joint meeting was announced between WG1 and WG4 on the subject of Enhanced

29 MMD Security in the WG1 meeting room on Wednesday at 10:30 AM.

30 The Plenary was recessed on 4 December 2006 at 2:38 PM local time.

31

32

1 **CLOSING PLENARY**

2 The Plenary was reconvened on 7 December 2006 at 2:05 PM local time by TSG-S Chair, Nick  
3 Yamasaki (KDDI).

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

6

7 10. **WORKING GROUP REPORTS:**

- 8 • WG1 Report (S00-20061204-101R2) was presented by the WG1 Chair, Alex  
9 Gogic (QUALCOMM), as FYI.
- 10 • Documents being recommended for publication include the following:  
11 None.
- 12 • Documents being recommended for V&V review include the following:  
13 None.
- 14 • Documents being recommended for TSG review include the following:  
15 • S.P0108-0 v1.3 HRPD - cdma2000-1X Interworking for Voice and  
16 Data
- 17 • Progressed the development of the following documents:  
18 • S.P0006-A Cellular Feature Descriptions  
19 • S.P0108-0 HRPD - cdma2000 1x Interworking SRD  
20 • S.P0115-0 All-IP Network Emergency Call Support  
21 • S.P0121-0 Network Evolution of 3GPP2 Networks  
22 • S.P0123-0 Enhanced MMD Security Stage 1 - (with WG-4)  
23 • MMD Roaming (New Business)
- 24 • Agreed to propose a gameplan to the Plenary for interim approval of  
25 S.P0121 3GPP2 Network Evolution SRD electronically prior to the  
26 Vancouver meeting.

27 **DECISION: TSG-S approved an extension of the V&V comment period for**  
28 **S.P0006-A Cellular Feature Descriptions to 19 January 2007.**

29 **DECISION: Proposed correspondence to TIA TR45.2 regarding extension**  
30 **of V&V Comment Period on S.P0006-A Cellular Feature Descriptions**  
31 **(S00-20061204-114) was approved without objection for transmission.**

32 **DECISION: S.P0108-0 v.1.3 HRPD-cdma2000 1x Interoperability for Voice**  
33 **and Data (S00-20061204-107) was approved without objection for TSG**  
34 **review.**

35 **DECISION: Proposed correspondence to all TSGs regarding TSG review of**  
36 **S.P0108-0 v.1.3 HRPD-cdma2000 1x Interoperability (S00-20061204-108)**  
37 **was approved without objection for transmission with S00-20061204-107**  
38 **attached.**



1           **DECISION: Proposed correspondence to NENA regarding Evaluation of**  
2           **NENA VoIP Emergency Call Location Requirements (S00-20061204-109)**  
3           **was approved without objection for transmission.**

4           **DECISION: TSG-S approved a gameplan for electronic approval of S.P0121**  
5           **for TSG review after 72 hour review on the TSG-S e-mail reflector in the**  
6           **interim before the Vancouver meeting.**

7           **DECISION: Proposed correspondence to TSG-X regarding MMD Roaming**  
8           **Requirements (S00-20061204-110) was approved without objection for**  
9           **transmission.**

10          **DECISION: Proposed correspondence to all TSGs regarding joint TSG**  
11          **meeting to discuss S.P0121 3GPP2 Evolved Network SRD**  
12          **(S00-20061204-111) was approved without objection for transmission.**

13          **DECISION: Proposed correspondence to all TSGs regarding TSG review of**  
14          **S.P0121 3GPP2 Evolved Network SRD (S00-20061204-112R1) was approved**  
15          **without objection for transmission pending electronic approval of S.P0121 in**  
16          **the interim prior to the Vancouver meeting.**

17          **ACTION: The WG1 schedule (S00-20061204-101A) and workplan**  
18          **discrepancies (S00-20061204-101B) were remanded to WG3 for review and**  
19          **action as appropriate.**

- 20          •       WG2 Report (S00-20061204-102) was presented by WG2 Chair, John Kay  
21               (Motorola) as FYI.
- 22               •       Progressed the development of the following documents:  
23                    •       S.P0005-B v.1.1 NRM  
24                    •       S.P0037-A v.3.4 All-IP NAM  
25                    •       S.P0037-B v.0.3 All-IP NAM
- 26               •       Resolution of V&V comments as proposed by the Editor have been  
27               incorporated into S.P0005-B v.1.1 (to be published as S.R0005-B v.2.0),  
28               and S.P0037-B v.0.3 (to be published as S.R0037-B v.1.0). These  
29               documents will be distributed to the TSG-S reflector for review. WG2  
30               plans to approve these changes at the January 2007 meeting.

31          **ACTION: The WG2 Report (S00-20061204-102) and WG2 comments on the**  
32          **3GPP2 workplan (S00-20061204-102A) were remanded to WG3 for review**  
33          **and action as appropriate.**

- 34          •       WG3 PMT Report (S00-20061204-103R1) was noted by PMT Chair, Eileen  
35               Hadwen (NEC), as FYI. This report was not reviewed in detail.

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

- 38               •       **3GPP2-00146-A: Signaling Conformance Specification for cdma2000**  
39               **HRPD Supplemental Services Rev A (S00-20061204-103C)**

- 1 • **3GPP2-00174: Signaling Conformance Specification for HRPD Rev A**  
2 **point release (S00-20061204-103D)**
- 3 • **3GPP2-00175: Over the Air Interoperability Specification for**  
4 **cdma2000 Air Interface (S00-20061204-103E)**
- 5 • **3GPP2-00176: Modifications to band classes to support Enhanced**  
6 **cdma2000 air interface (S00-20061204-103F)**
- 7 • **3GPP2-00177: Emergency and wireless priority support in HRPD**  
8 **(S00-20061204-103G)**

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

- 12 • **3GPP2-00168: IMS Security for 2G R-UIMs**

13 **DECISION: Proposed correspondence to all TSGs regarding update on**  
14 **Review and Comment on TSG-X Scope Issues, as per SC Action 2006/10-09**  
15 **(S00-20061204-113R1) was approved without objection for transmission with**  
16 **its attachment.**

- 17 • WG4 Report (S00-20061204-104) was presented by WG4 Vice Chair, Zhibi  
18 Wang (Alcatel Lucent), as FYI.
  - 19 • Progressed the development in the following areas:
    - 20 • IMS Domain Security (S.S0086-B)
    - 21 • Algorithms (S.S0053, S.S0055, S.S0078)
    - 22 • GBA (S.P0109-0, S.R0112-0, S.P0114-0)
  - 23 • WG4 comments on S.P0121 were noted in the report.

24 **DECISION: Proposed correspondence to TSG-C regarding LBC Security**  
25 **(S00-20061204-116) was approved without objection for transmission.**

26 **DECISION: Proposed correspondence to TIA TR45 regarding TIA TR-45**  
27 **comments on V&V of S.S0055-A v4.0 and S.S0078-A v4.0 (S00-20061204-**  
28 **115) was approved without objection for transmission.**

29 **DECISION: S.P0122-0 v0.4 Preferred Cryptographic Profiles (S00-**  
30 **20061204-118R1) was approved without objection for V&V review by the**  
31 **3GPP2 OPs as well as TSG-S and TSG-X participants with comments due by**  
32 **9 February 2007.**

- 33 • The WG5 Report (S00-20061204-105) was presented by WG5 Coordinator, Clif  
34 Barber (KDDI), as FYI.

35 **ACTION: The WG5 Report (S00-20061204-105) was remanded to WG3 for**  
36 **review and action as appropriate on related WIs.**

- 37 • The Equipment Numbering AdHoc did not meet.

38

- 1
- 2 10. ADDITIONAL CORRESPONDENCES AND LIAISON REPORTS:
- 3 • OP: No contributions.
- 4 • SC: No contributions.
- 5 • 3GPP2 SECRETARIAT: No contributions.
- 6 • TSG-A: No contributions.
- 7 • TSG-C: No contributions.
- 8 • TSG-X: No contributions.
- 9 • TR45: No contributions.
- 10 • TR45 AHAG: No contributions.
- 11 • ITU: No contributions.
- 12 • 3GPP: No contributions.
- 13 • 3GPP-SA5 and T1M1: No contributions.
- 14 • WiFi Alliance/IEEE 802: No contributions.
- 15 • OMA (Open Mobile Alliance): No contributions.
- 16 • CDG: E-mail correspondence dated 6 December 2006 regarding CDG UMB
- 17 Announcement (S00-20061204-117) was presented from CDG as FYI for TSG-S.
- 18 • OTHER: No contributions.
- 19 11. NEW BUSINESS (continued): Regarding elections of TSG-S leadership for the next
- 20 term:
- 21 • There were no additional letters of nominations other than those received at the
- 22 opening Plenary. The nomination period was closed at that time.
- 23 • Nick Yamasaki (KDDI) was elected to the TSG-S Chair position by acclamation.
- 24 • The Chair confirmed that there were three (3) nominations had been received for
- 25 the position of Vice Chair for the next term as follows:
- 26 • Jane Brownley (Alcatel Lucent - TIA)
- 27 • Sean Kwok (SK Telecom - TTA)
- 28 • Chuan Jia (China Unicom - CCSA)

1 SC Chair, YK Kim (LG Telecom) announced that he has solicited approval from  
 2 the OPs to change the WPD to allow three (3) Vice Chairs to be elected if they all  
 3 represent different OPs. As of this date, the OPs response on this topic has not  
 4 been completed. **ACTION: Based on this status, the TSG-S Chair postponed**  
 5 **the election of Vice Chair until the opening Plenary of the Vancouver**  
 6 **meeting.**

- 7 • **ACTION: Based on declining participation in TSG-S, the Chair requested**  
 8 **that the membership consider plans for the revitalization of TSG-S to be**  
 9 **discussed at the opening Plenary of the Vancouver meeting.**

10 10. OLD BUSINESS (continued):

- 11 • The TSG-S Document Status Table (S00-20061204-100) was presented and  
 12 reviewed. **DECISION: This contribution (S00-20061204-100R1) was**  
 13 **approved pending final review by WG Chairs and document Editors by**  
 14 **COB Tuesday 12 December 2006.**

15 11. ADMINISTRATION AND OTHER BUSINESS:

- 16 • The Chair made TSG-S 2006 Merit Award presentations to the following persons:  
 17 • Alex Gogic (QUALCOMM)  
 18 • John Kay (Motorola)  
 19 • Eileen Hadwen (NEC)  
 20 • Zhibi Wang (Alcatel Lucent)  
 21 • Takatsugu Kito (KDDI)  
 22 • Clif Barber (KDDI)  
 23 • Rich Robinson (Sprint-Nextel)  
 24 • Tony Saboorian (Nortel)  
 25 • Randy Scheer (Alcatel Lucent)\*  
 26 • Frode Nergard (Ericsson)\*  
 27 • Jörg Schmidt (former WG5 Chair)\*  
 28 • Adrian Escott (QUALCOMM)\*

29 \*Awarded in their absence

- 30 • The Chair thanked everyone for their support during his first term and requested  
 31 their continued support for the upcoming term.
- 32 • The future meeting schedule for TSG-S is noted as follows:

8-11 January 2007	The Fairmont Hotel Vancouver in Vancouver, BC, Canada
12-15 February 2007	Grand InterContinental Seoul in Seoul, Korea
26-29 March 2007	Westin Peachtree Plaza in Atlanta, GA, USA

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- 1           •       Although not explicitly reviewed during the meeting, the assignments, other than  
2           document remands, that were not completed at this meeting are summarized as  
3           follows:
- 4           060327-01     The summary of the 3GPP2 SC and OP meetings for February 2006 in  
5           Jeju, Korea (S00-20060327-021) was remanded to all WGs for review and action  
6           as appropriate with WG3 taking the lead on SC Action 2006/02-01 and  
7           codification of "clean vs. rev marks" issues. This action remains OPEN until the  
8           January 2007 closing Plenary.
- 9           061030-01     The Chair requested volunteers to serve in the capacity of WG5 Chair.
- 10          061030-02     The Chair remanded an action to WG5 to make a recommendation for  
11          someone to service as the WG5 Chair by the opening Plenary of the December  
12          2006 meeting.
- 13          061030-03     Clif Barber (KDDI) was appointed as the WG5 Coordinator to facilitate  
14          WG5 conference calls and the identification of a volunteer for the position of  
15          WG5 Chair.
- 16          061030-04     TSG-S responsibility for coordination of comments related to TSG-X  
17          Scope of Work issues (SC ACTION 2006/10-09) was remanded to WG1, WG2,  
18          and WG3 for review and comment with comments from the TSG-S WGs and the  
19          other TSGs to be coordinated by WG3.
- 20          061204-01     The TSG-S Chair postponed the election of Vice Chair until the opening  
21          Plenary of the Vancouver meeting.
- 22          061204-02     The Chair requested that the membership consider plans for the  
23          revitalization of TSG-S to be discussed at the opening Plenary of the Vancouver  
24          meeting.
- 25    This meeting was adjourned on 7 December 2006 at approximately 5:21 PM local time.  
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1 A listing of the contributions for this meeting is itemized below:

NUMBER	SUBJECT	SOURCE	ACTION
<b>OPENING PLENARY - 3GPP2-S00-20061204-</b>			
000	CONTRIBUTION REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVED
002	Meeting Summary - October 2006 - Northbrook, IL, USA	SECRETARY	APPROVED
003	TSG-C Liaison Report - October 2006	TSG-C LIAISON	FYI, A through F for WG3
004	Correspondence to TSG-S and TSG-X dated 30 October 2006 regarding AN Macros and RF Loss	TSG-C	FYI
005	Correspondence dated 3 November 2006 regarding LBC Security	TSG-C	WG4
006	Correspondence dated 3 November 2006 regarding review of Work Item Work Sheets	TSG-C	WG3
007	Correspondence dated 2 November 2006 regarding TSG-A Work Item, Stage 1, LS, and SC Documents for Review	TSG-A	WG1, WG3
008	Correspondence dated 2 November 2006 regarding Work Plan Questions	TSG-A	WG3
009	Correspondence to TSG-C dated 3 November 2006 regarding AN Macros and RF Loss	TSG-X	FYI
010	Correspondence dated 3 November 2006 regarding Requirements for MMD Enhanced Policy and MMD Roaming	TSG-X	WG1
011	Correspondence to all TSGs dated 3 November 2006 regarding Network Evolution Discussions in TSG-X	TSG-X	ALL WGs
012	Correspondence dated 3 November 2006 regarding Review Items	TSG-X	WG3, NUMBERING ADHOC
013	Correspondence dated 3 November 2006 regarding TSG-X Position on NENA	TSG-X	WG1
014	Correspondence dated 3 November 2006 regarding MMD Roaming Requirements	TSG-X	WG1
015	Correspondence dated 3 November 2006 regarding S.P0115 MMD Emergency Call Support	TSG-X	WG1
016	Correspondence to all TSGs dated 3 November 2006 regarding Proposed Work Item Review	3GPP2 SECRETARIAT (PMT COORDINATOR)	ALL WGs
017	E-mail correspondence dated 14 November 2006 regarding Publication of SC.R2004-002-0 v1.0 SRG Release 4	3GPP2 SECRETARIAT	WG3
018	E-mail correspondence dated 6 November 2006 regarding SC level review of Work Item 3GPP2-00167	3GPP2 SECRETARIAT	WG3, WG4
019	V&V comments regarding S.P0006-A Cellular Features Description	3GPP2 SECRETARIAT	WG1

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NUMBER	SUBJECT	SOURCE	ACTION
020	Correspondence dated 20 November 2006 regarding Ballot comments for TSB-100-A-2 Network Reference Model for cdma2000 Spread Spectrum Systems	TIA TR45.2	WG2
021	E-mail correspondence dated 6 November 2006 regarding 3GPP SA5 LS on IMS Harmonization and SuM common sessions	3GPP SA5	WG5
022	E-mail correspondence dated 6 November 2006 regarding comments & questions on 3GPP SA5 R6 IRP definitions	3GPP SA5	WG5
023	E-mail correspondence dated 6 November 2006 regarding IMS Harmonization	3GPP SA5	WG5
024	Meeting notes from the methodology alignment telephone conference between ITU-T SG4 and 3GPP SA5	3GPP SA5	WG5
025	V&V comments regarding S.P0006-A Cellular Features Description	QUALCOMM	WG1
026	E-mail correspondence dated 26 November 2006 regarding licensing opportunities for non-EU companies using assisted GALILEO support	SC CHAIR	WG3
027	TSG Chair and Vice Chair Election Guidelines	3GPP2 SECRETARIAT	FYI
028	V&V comments regarding S.P0037-B v0.3 All IP NAM	3GPP2 SECRETARIAT	WG2
029	Letter of nomination and support for Jane Brownley for the position of TSG-S Vice Chair	LUCENT	FYI
030	E-mail correspondence dated 28 November 2006 regarding CDG ETO update for 3GPP2 Network Evolution SRD (S.P0121)	CDG ETO	ALL WGs
031	Letter of nomination and support for Nick Yamasaki for the position of TSG-S Chair	KDDI	FYI
032	Letter of nomination and support for Sean Kwok for the position of TSG-S Vice Chair	SK TELECOM	FYI
033	Correspondence dated 1 December 2006 regarding TIA TR-45 comments on V&V of S.S0055-A v4.0 Enhanced Cryptographic Algorithms and S.S0078-A v4.0 Common Security Algorithms	TIA TR45	WG4
034	Letter of nomination and support for Chuan Jia for the position of TSG-S Vice Chair	CHINA UNICOM	FYI
035	WG5 Interim Report	WG5 COORDINATOR	FYI
036	3GPP2 Workplan Files - December 2006	PMT COORDINATOR	ALL WGs
037	Correspondence dated 4 December 2006 regarding 3GPP2 Workplan update	TSG-C	WG3
<b>CLOSING PLENARY - 3GPP2-S00-20061204-</b>			
100	Document Status Table	WG1	APPROVED R2
101	WG1 Report	WG1	FYI
102	WG2 Report	WG2	FYI
103	PMT Report	WG3	FYI WIs APPROVED



NUMBER	SUBJECT	SOURCE	ACTION
104	WG4 Report	WG4	FYI
105	WG5 Report	WG5	FYI
106	Numbering AdHoc Report	NUMBERING ADHOC	NOT SUBMITTED
107	S.P0108-0 v.1.3 HRPD-cdma2000 1x Interoperability for Voice and Data proposed TSG review text	WG1	APPROVAL
108	Proposed correspondence to all TSGs regarding TSG review of S.P0108-0 v.1.3 HRPD-cdma2000 1x Interoperability	WG1	APPROVAL
109	Proposed correspondence to NENA regarding Evaluation of NENA VoIP Emergency Call Location Requirements	WG1	APPROVAL
110	Proposed correspondence to TSG-X regarding MMD Roaming Requirements	WG1	APPROVAL
111	Proposed correspondence to all TSGs regarding joint TSG meeting to discuss S.P0121 3GPP2 Evolved Network SRD	WG1	APPROVAL
112	Proposed correspondence to all TSGs regarding TSG review of S.P0121 3GPP2 Evolved Network SRD	WG1	APPROVAL
113	Proposed correspondence to all TSGs regarding update on Review and Comment on TSG-X Scope Issues, as per SC Action 2006/10-09	WG3	APPROVAL
114	Proposed correspondence to TIA TR45.2 regarding extension of V&V Comment Period on S.P0006-A	WG1	APPROVAL
115	Proposed correspondence to TIA TR45 regarding TIA TR-45 comments on V&V of S.S0055-A v4.0 and S.S0078-A v4.0	WG4	APPROVAL
116	Proposed correspondence to TSG-C regarding LBC Security	WG4	APPROVAL
117	E-mail correspondence dated 6 December 2006 regarding CDG UMB Announcement	CDG	FYI
118	S.P0122-0 v0.4 Preferred Cryptographic Profiles proposed V&V text	WG4	APPROVAL R1

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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 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

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.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
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	

PUBLISHED TSG-S SPECIFICATIONS AND REPORTS		
NUMBER	TITLE	RESP
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.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	WG1
S.R0117-0	Multimedia Priority Services Stage 1 v1.0	WG1
S.R0118-0	Telephone Number Mapping (ENUM) Stage1 v1.0	WG1

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TSG-S PROJECTS IN DEVELOPMENT		
NUMBER	TITLE	RESP
S.P0005-B	Network Reference Model	WG2
S.P0006-A	Wireless Feature Descriptions	WG1
S.P0028-xxx-C	OAM&P	WG5
S.P0037-A	3GPP2 NAM	WG2
S.P0037-B	3GPP2 NAM	WG2
S.P0076-0	Protocol Alignment Reference	WG3
S.P0093-A	Definition of Performance Measurement Types	WG5
S.P0106-0	PSTV Stage 1 (version update)	WG1
S.P0108-0	HRPD-cdma2000 1x Interworking SRD (version update)	WG1
S.P0116-0	PPP-Free Operation Stage 1	WG1
S.P0119-0	Proximity Mobile Gateway Stage 1	WG1
S.P0120-0	MMD Policy Enhancements SRD	WG1
S.P0121-0	3GPP2 Evolved Network SRD	WG1
S.P0122-0	Preferred Cryptographic Profiles	WG4
S.P0123-0	Enhanced MMD Security Requirements Stage 1	WG4

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**3GPP2 QUORUM ROLL CALL**  
**TSG-S (Systems and Services Aspects)**  
 Maui, HI, USA  
 7-Dec-06

INDIVIDUAL MEMBER COMPANY	Attendance 12/4/2006	Attendance 12/7/2006	Consec Mtgs Missed (incl this Mtg)	Voting Status as of next Mtg	Quorum Status as of next Mtg
ALCATEL SHANGHIA BELL			2	0	0
ALLTEL		1	0	1	1
BELL CANADA			3	0	0
CHINA UNICOM			1	1	0
DOCOMO US LABORATORIES			3	0	0
ERICSSON			2	0	0
FUJITSU	1		0	1	1
GEMALTO, AXALTO			2	1	1
HEWLETT PACKARD			3	0	0
HITACHI			2	0	0
HUAWEI	1		0	1	1
KDDI	1		0	1	1
KYOCERA	1		0	1	1
LG ELECTRONICS		1	0	1	1
LG TELECOM	1		0	1	1
ALCATEL LUCENT	1		0	1	1
MOTOROLA	1		0	1	1
NEC	1		0	1	1
NOKIA			3	1	1
NORTEL NETWORKS	1		0	1	1
QUALCOMM	1		0	1	1
RESEARCH IN MOTION			3	0	0
RITT			1	0	0
SAMSUNG			2	1	1
SK TELECOM		1	0	0	0
SPRINT/NEXTEL	1		0	1	1
TELCORDIA			3	1	1
VERIZON WIRELESS	1		0	0	1
<b>TOTALS</b>	<b>12</b>	<b>3</b>		<b>18</b>	<b>18</b>
<b>QUORUM CALCULATION</b>	<b>67%</b>	<b>17%</b>			
<b>ADDITIONS</b>					
					0
					0
					0
					0
					0
<b>OBSERVERS AND GUESTS</b>					
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
- 0 = Letter of Proxy in effect