Title:

APPROVED SUMMARY OF TSG-C MEETING
for 11-15 June 2012 in Guangzhou, China

Source:

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Abstract:

This document is a summary of the 3GPP2 TSG-C meetings that were held during the period of
11-15 June 2012 in Guangzhou, China.

Recommendations:

For review and approval.

1 During the period of 11-15 June 2012, 3GPP2 TSG-C meetings were held at the Grand Hyatt Hotel in
2 Guangzhou, China.   This document is intended to summarize those proceedings.

3

4 **OPENING PLENARY**

5 **1.**   **CALL TO ORDER AND OPENING REMARKS:** The meeting was called to order on
6   Monday 11 June 2012 at 10:45 AM local time by TSG-C Chair, Ed Tiedemann (Qualcomm).

7   The Chair welcomed everyone to Guangzhou.

8   The Chair requested all participants to sign into the electronic roster on the 3GPP2 server at
9   http://tsgc.3gpp2.net.

10 **2.**   **ATTENDANCE REGISTRATION AND ROLL CALL:** A roll call of companies indicated
11   that 14 companies included on the list of 17 active quorum members were present (82%
12   participation). Thus, meeting quorum was achieved.

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

14 **3.**   **INTRODUCTION AND NUMBERING OF CONTRIBUTIONS:** Contributions were loaded
15   onto the 3GPP2 LAN server and listed in the document register (C00-20120611-000).

16 **4.**   **AGENDA APPROVAL:** The proposed agenda (C00-20120611-001) was presented.
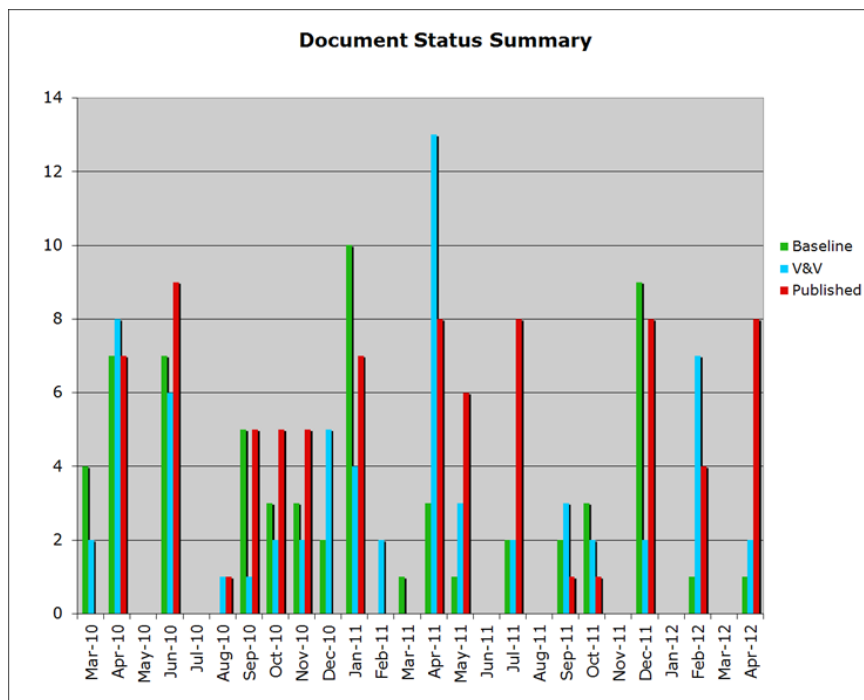
17   The Chair noted the following additional activities this week:

18   •   WG1 will start on Monday 11 June 2012 at 3:30 PM local time.

19   •   WG2 will start on Monday 11 June 2012 at 2:30 PM local time.

20   •   WG3 will start on Monday 11 June 2012 at 3:00 PM local time. WG3 will cover ITU
21   activities on Tuesday at 10:30 AM in the WG3 meeting room.

22   •   The TSG-C Chair's meeting will be held on Wednesday 13 June 2012 at 7:30 AM in the
23   TSG-C WG1 meeting room.

24   A 2nd TSG-C Chair's meeting will be held on Friday 15 June 2012 at 8:30 AM in the
25   TSG-C Plenary room.

26   •   A joint TSG meeting to discuss the M2M SRD will be held on Monday 11 June 2012
27   during the 4:00-6:00 PM local time slot in the TSG-S Plenary room.

28   •   The TSG-C/TR45.5 closing Plenaries will be held on Friday 15 June 2012 starting at
29   8:30 AM.

30   •   A joint TSG meeting will be held in the TSG-C Plenary room on Wednesday 13 June
31   2012 during the 8:30 AM-10:00 AM time slot to discuss M2M architecture issues in the
32   TSG-C/WG2 Plenary room.

1 • A meeting of the SC 2012 Workshop Planning AdHoc will be held on Wednesday
2   13 June 2012 during the 10:00 AM-NOON time slot in TSG-C/WG2 Plenary Room.

3 • WG2 will not attend the joint TSG discussions on Wednesday AM but instead will meet
4   in the TSG-X Plenary room during the 8:30 AM-NOON time slot.

5 • The cdma2000 Technology Workshop will be held on Thursday 14 June 2012 during the
6   8:30 AM – 5:00 PM time slot. The workshop will be immediately followed by a
7   reception.

8 • The China Telecom Device Fair will begin on Friday 15 June 2012.

9 **DECISION: The agenda was approved without objection as modified by the discussion**
10 **(C00-20120611-001).**

11 The Chair noted the following progress regarding the processing of TSG-C documents:

12

Document Status Summary

13 **5.   ASSIGNMENTS OF CONTRIBUTIONS TO AGENDA ITEMS:** Contributions were
14   assigned to agenda items as noted on the agenda.

15 **6.   APPROVAL OF PREVIOUS MEETING SUMMARIES:** The summary of the TSG-C
16   meeting for April 2012 that was held in Chicago, IL, USA (C00-20120611-002R1) was
17   presented. **DECISION: This meeting summary was approved without objection as**
18   **submitted.**

7.   REVIEW OF OUTSTANDING ACTIONS FROM PREVIOUS MEETING: The action items from the April 2012 face-to-face meeting were noted as follows:

120416-01   Correspondence to all TSGs dated 19 April 2012 regarding WIs for TSG Review (C00-20120416-137) from TSG-S was remanded to all WGs for review and comment with comments to be coordinated by WG1. TSG-C comments should be forwarded as an output of the June 2012 meeting in Guangzhou.

This action was noted as still OPEN until closing Plenary.

120416-02   A call for volunteers has been issued for persons who are interested in serving as the TSG C WG1 Vice-Chair.

This action was noted as still OPEN until closing Plenary.

8.   LIAISON REPORTS:

- **OP:** No contributions or discussion.

- **SC:** Official SC meeting summary and unofficial executive SC/OP meeting summaries for April 2012 in Chicago, IL, USA (C00-20120611-020) was presented from the 3GPP2 Secretariat and the TSG-C Secretary as FYI for TSG-C.

  The Chair noted that four (4) super-meetings have been scheduled for 2013 but additional meetings may be scheduled as necessary.

- **3GPP2 SECRETARIAT:** The following contributions were discussed:

  - E-mail correspondences regarding SC level review and approval for C.S0011-E v1.0 Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Mobile Stations (C00-20120611-008) was presented from the 3GPP2 Secretariat as FYI for TSG-C.

  - E-mail correspondences regarding SC level review and approval for C.S0016-D v2.0 Over-the-Air Service Provisioning of Mobile Stations in Spread Spectrum Standards (C00-20120611-009) was presented from the 3GPP2 Secretariat as FYI for TSG-C.

  - E-mail correspondences regarding SC level review and approval for C.S0032-D v1.0 Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access Network (C00-20120611-010) was presented from the 3GPP2 Secretariat as FYI for TSG-C.

  - E-mail correspondences regarding SC level review and approval for C.S0033-D v1.0 Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access Terminal (C00-20120611-011) was presented from the 3GPP2 Secretariat as FYI for TSG-C.

- E-mail correspondences regarding SC level review and approval for C.S0049-A v1.0 R-UIM Conformance Testing for Spread Spectrum Systems (C00-20120611-012) was presented from the 3GPP2 Secretariat as FYI for TSG-C.

- E-mail correspondences regarding SC level review and approval for C.S0051-A v1.0 Recommended Minimum Performance Standards for cdma2000 Repeaters (C00-20120611-013) was presented from the 3GPP2 Secretariat as FYI for TSG-C.

- E-mail correspondences regarding SC level review and approval for C.S0096-A v1.0 Recommended Minimum Performance Standards for Simultaneous cdma2000 and cdma2000-HRPD Access Terminal (C00-20120611-014) was presented from the 3GPP2 Secretariat as FYI for TSG-C.

- E-mail correspondences regarding SC level review and approval for republication of C.S0022-B v2.0 Position Determination Service for cdma2000 Spread Spectrum Systems (C00-20120611-015) was presented from the 3GPP2 Secretariat as FYI for TSG-C.

- E-mail correspondence dated 2 April 2012 regarding V&V initiation for C.P0044-C v0.9 Interoperability Specification for cdma2000 Air Interface (C00-20120611-016) was presented from the 3GPP2 Secretariat as FYI for TSG-C.

- E-mail correspondence dated 2 April 2012 regarding V&V initiation and subsequent extension for C.P0087-A v1.2 E-UTRAN–cdma2000 HRPD Connectivity and Interworking Air Interface Specification (C00-20120611-017) was presented from the 3GPP2 Secretariat as FYI for TSG-C.

- E-mail correspondences regarding multiple V&V extensions for C.P0105-0 v0.2 Unstructured Supplementary Service Data (USSD) Service Options for Spread Spectrum Systems: Service Options 78 and 79 (C00-20120611-018) was presented from the 3GPP2 Secretariat as FYI for TSG-C.

- 3GPP2 Workplan files – June 2012 (C00-20120611-019) was presented from the 3GPP2 Secretariat. **ACTION: This correspondence was remanded to all WGs for review and comment with comments to be coordinated by WG1.**

- **TSG-A:** The following contributions were discussed:

  - Correspondence to TSG-S dated 11 June 2012 regarding TSG-A review of S.P0146-0 v0.60 M2M Communication SRD (C00-20120611-049) was presented from TSG-A as FYI for TSG-C.

  - Correspondence to TSG-X dated 11 June 2012 regarding assignment of three (3) digit MNCs (C00-20120611-050) was presented from TSG-A as FYI for TSG-C.

- **TSG-S:** The following contributions were discussed:

- The TSG-S Document Status Table for April 2012 (C00-20120611-005) was presented from TSG-S as FYI for TSG-C.

- Correspondence to all TSGs dated 9 May 2012 regarding WIs for TSG Review (C00-20120611-030) was presented from TSG-S. **ACTION: This correspondence was remanded to all WGs for review and comment with comments to be coordinated by WG1.**

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

  - Correspondence to TSG-S dated 20 April 2012 regarding review items (C00-20120611-006) was presented from TSG-X. **ACTION: This contribution was remanded to WG1 as FYI.**

  - Correspondence to ITU-T SG11 dated 20 April 2012 regarding request for feedback on attached draft revision of Supplement 62 to ITU-T Q series Recommendations (C00-20120611-007) was presented from TSG-X. **ACTION: This contribution was remanded to WG3 as FYI.**

- **TIA:** The following contributions were discussed:

  - TIA ballot comments regarding C.S0087-A v2.0 E-UTRAN – cdma2000 HRPD Connectivity and Inter-working Air Interface Specification (C00-20120611-024) was presented from TIA TR45.5. **ACTION: This contribution was remanded to WG2 for review and action as appropriate.**

  - TIA Legal comments regarding C.R0028-B v1.0 Minimum Performance Specification (MPS) for Software Distribution for TTY (C00-20120611-033) was presented from TIA TR45.5 as FYI for TSG-C.

  - ITU-T SG2 LS dated 29 March 2012 regarding availability of civic alerting function of 3GPP/3GPP2 terminal at roaming (C00-20120611-034) was presented from TIA TR45.5 as a duplicate of C00-20120416-051. As a duplicate, the prior remand action (i.e., to WG1, WG2, and WG3 for review and comment with comments to be coordinated by WG3) remains unchanged.

    KDDI provided clarification of the problem described in the liaison. The issue is that the Japanese and the U.S. civic alert systems are not interoperable. More specifically, a Japanese handset roaming in the U.S. will not receive U.S. civic alerts and vice versa. It is desired to have interoperability between the systems. This problem needs to be addressed and TSG-X should also advise ITU-T SG2 of the 3GPP2 intent.

    ACTION: The Chair took an action to raise this issue and the TSG Chair discussion this week since TSG-X has lead on this activity and since the solution may involve a joint TSG-X/TSG-C effort.

- E-mail correspondence to all TIA Committee Chairs dated 4 May 2012 regarding Smart Grid - SGIP - and Home to Grid WG (C00-20120611-035) was presented from TIA. **ACTION: This contribution was remanded to WG3 for review and action as appropriate. Once WG3 has a better understanding of what is required, they may need to request support from other WGs and/or TSGs.**

- TIA ballot comments regarding C.S0105-0 v1.0 Unstructured Supplementary Service Data (USSD) Service Options for Spread Spectrum Systems: Service Options 78 and 79 passed ballot. TIA did not receive any comments on this document (C00-20120611-036) was presented from TIA TR45.5. **ACTION: This contribution was remanded to WG1 for review and action as appropriate.**

- ITU-T SG2 LS dated 29 March 2012 regarding assignment of 3 digit MNCs (C00-20120611-037) was presented from TIA TR45.5 as a duplicate of C00-20120416-050. As a duplicate, the prior remand action (i.e., to WG1, WG2, and WG3 for review and comment with comments to be coordinated by WG1) remains unchanged. **ACTION: This contribution was remanded to WG1, WG2, and WG3 for review comment with comments to be coordinated by WG1.**

- ITU-R WP5A Invitation to submit contributions to a working document towards a preliminary draft new Report ITU-R [LMS.ATG] Systems for Public Mobile Communications with Aircraft (C00-20120611-038) was presented from TIA TR45.5. **ACTION: This contribution was remanded to WG3 for review and action as appropriate.**

- ITU-R WP5A Invitation to Review the Working document towards the revision of Recommendation ITU-R M.2015 (C00-20120611-039) was presented from TIA TR45.5. **ACTION: This contribution was remanded to WG3 for review and action as appropriate.**

- ITU-R WP5A LS to External Organizations dated 8 June 2012 regarding the revision work on recommendation ITU-R M.1801 and Report ITU-R M.2116 (C00-20120611-040) was presented from TIA TR45.5. **ACTION: This contribution was remanded to WG3 for review and action as appropriate.**

- ITU-R WP5A Invitation to Review the Working document towards the revision of Recommendation ITU-R M.2009 (C00-20120611-041) was presented from TIA TR45.5. **ACTION: This contribution was remanded to WG3 for review and action as appropriate.**

- ITU-R WP5A Invitation to consider the proposed course of action, towards the Review of recommendations and reports associated with work on WRC-15 agenda item 1.3 (C00-20120611-042) was presented from TIA TR45.5. **ACTION: This contribution was remanded to WG3 for review and action as appropriate.**

- ATIS Issue Identification Form for SMS-to-9-1-1 (C00-20120611-048) was presented from TIA TR45.5. **ACTION: This contribution was remanded to WG1 and WG2 for review and comment with comments to be coordinated by WG2.**

- TIA TC CCSC correspondence to TIA Committee Chairs dated 30 May 2012 regarding Cloud Computing Standards Support (C00-20120611-051) was presented from TIA TR45.5. **ACTION: This contribution was remanded to all WGs for review and comment with comments to be coordinated by WG2.**

- **ITU:** The following contributions were discussed:

  - E-mail correspondence dated 23 April 2012 regarding receipt confirmation for TSG-C Response to Document 5A/TEMP/342y (C00-20120611-022) was presented from ITU-R WP5A as FYI for TSG-C.

  - E-mail correspondence dated 23 April 2012 regarding confirmation liaison deadline related to "Assignment of 3 digit MNCs" (C00-20120611-023) was presented from ITU-T SG2 as FYI for TSG-C. The deadline should be January 2013, not 2012.

  - Invitation to Review the Working document towards the revision of Recommendation ITU-R M.2014 (C00-20120611-043) was presented from ITU-R WP5A. This contribution was also liaised from TIA TR45.5. **ACTION: This contribution was remanded to WG3 for review and action as appropriate.**

- **CDG:** No contributions or discussion.

- **OMA:** No contributions or discussion.

- **3GPP/ETSI:** E-mail correspondence dated 23 April 2012 regarding receipt confirmation for TSG-C correspondence on Handover Delay (C00-20120611-021) was presented from 3GPP RAN4.

- **OTHER:** NIST SGIP PAP2 Activity Update (C00-20120611-032R1) was presented from the TIA TR45.5 Liaison to SGIP/PAP2. **ACTION: This contribution was remanded to WG3 for review and action as appropriate and liaised to TIA TR45.5.**

9. **WORKING GROUP REPORTS:**

- **WG1 REPORT:** A verbal report regarding WG1 activities and their plans for the week was presented by WG1 Chair, Doug Dunn (Kyocera), as FYI.

  - TSG-C Document Log (C00-20120611-003) was noted as FYI for TSG-C.

  - TSG-C Work Item Review Status Log (C00-20120611-004) was noted as FYI for TSG-C.

1 2 3
- E-mail correspondence dated 17 May 2012 regarding TSG-C approval of TSGC-179 and TSGC-180 (C00-20120611-025) was presented from the Secretary as FYI for TSG-C.

4 5 6
- **DECISION: Proposed correspondence to TSG-S regarding the review of System Requirements Documents (C00-20120611-027) was approved without objection for transmission.**

7 8 9 10
- **DECISION: C.P0014-E v0.8 Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, 73 and 77 Specification (C00-20120611-028) was approved without objection as baseline text and remanded back to WG1 for R&F.**

11 12 13 14
- **DECISION: C.P0018-E v0.8 Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, 73 and 77, Minimum Performance Specification (MPS) (C00-20120611-029) was approved without objection as baseline text and remanded back to WG1 for R&F.**

15 16
- **WG2 REPORT:** A verbal report of WG2 activities and their plans for this week was presented by WG2 Chair, Orlett Pearson (Alcatel-Lucent), as FYI.

17
No actions were requested from the Plenary at this time.

18 19
- **WG3 REPORT:** A verbal report of WG3 activities and their plans for this week was presented by the WG3 Chair, Sang Kim (LGE), as FYI.

20
No actions were requested from the Plenary at this time.

21
- **WG4 REPORT:** NO REPORT

22 23 24
E-mail dated 11 May 2012 regarding the departure of Raj Khanna from Rohde and Schwarz (C00-20120611-026) was presented as FYI for TSG-C. The Chair noted that this was not an official resignation from Raj's TSG-C roles.

25
No actions were requested from the Plenary at this time.

26 **10.** **OLD BUSINESS:** The following contributions were discussed:

27 NONE

28 **11.** **NEW BUSINESS:** The following contributions were discussed:

29 30 31
- A proposed WI for updates to the Codec MPS specification (C00-20120611-031) was presented from DBSD, LightSquared, and Qualcomm. **ACTION: This contribution was remanded to WG1 for review and action as appropriate.**

- The Secretary gave a brief verbal update on the status of the cdma2000 Technology Workshop scheduled for Thursday 14 June 2012. The workshop agenda (C00-20120611-044) was presented as FYI for TSG-C. In addition, the following proposed presentations to that workshop were presented for review and comment by TSG-C participants with comments due no later than the Workshop Planning AdHoc discussions on Wednesday 13 June 2012 during the 10:00 AM – NOON time slot:

  - Workshop presentation on cdma2000 Air Interface Releases (C00-20120611-045) from the Chair

  - Workshop presentation on cdma2000 Card Environments and Provisioning (C00-20120611-046) from the WG1 Chair

  - Workshop presentation on 3GPP2 M2M Communications (C00-20120611-047) from Qualcomm

- The Chair reminded everyone of the China Telecom Device Fair that will start on Friday and run through the weekend.

This session was recessed on Monday 11 June 2012 at 12:52 PM local time.

CLOSING PLENARY:

The meeting was reconvened on Friday 15 June 2012 at 8:43 AM local time by TSG-C Chair, Ed Tiedemann (Qualcomm).

Quorum was established at the opening Plenary and not challenged at this time. No additional 3GPP2 individual member companies from the TSG-C active roster were noted in attendance.

12.   WORKING GROUP REPORTS:

- **WG1 REPORT:** The WG1 report (C00-20120611-101R1) was presented by the WG1 Chair, Doug Dunn (Kyocera), as FYI.

  - Documents Being Proposed for SC Level Review:
    - C.P0105-0 Unstructured Supplementary Service Data (USSD) Service Options for Spread Spectrum Systems: Service Options 78 and 79 (to be published as C.S0105-0 v1.0, 3GPP2-00263)

  - Documents Being proposed for republication text:
    - NONE

  - Documents Being Proposed for V&V:
    - C.P0035-A CDMA Card Application Toolkit (CCAT) (to be published as C.S0035-A v3.0, TSGC-175/3GPP2-00304)

1 • C.P0014-E Software Distribution for Enhanced Variable Rate Codec
2 (EVRC), Speech Service Options 3, 68, 70, 73 and 77 Specification
3 proposed V&V text (to be published as C.R0014-E v1.0, TSGC-142)

4 • Documents Being Proposed for Baseline:
5 • NONE

6 • Also progressed the development of the following:
7 • C.P0107-0 v1.0 Mobile Equipment (ME) Conformance Testing with
8 CDMA Card Application Toolkit
9 • C.S0101-0 v1.0 Mobile Equipment (ME) Conformance Testing with
10 CSIM for cdma2000 Spread Spectrum Standards
11 • C.S0065-B v3.0 cdma2000 Application on UICC for Spread Spectrum
12 Systems
13 • C.S0015-C v1.0 Short Message Service (SMS) For Wideband Spread
14 Spectrum Systems
15 • C.S0048-A v2.0 Mobile Equipment (ME) Conformance Testing with
16 RUIM for cdma2000 Spread Spectrum Standards
17 • C.S0106-0 v1.0 Mobile Equipment (ME) Conformance Testing with
18 CDMA Card Application Toolkit

19 • WG1 discussed whether or not new features should be considered for R-UIM or if
20 the feature development for the cdma2000 smart cards should focus on the CSIM.
21 During this discussion, the general feeling was that no further work should be
22 done on feature development for the R-UIM. However, it was agreed to make
23 some inquiries to be sure and make a decision during the August meeting. It can
24 be noted that during the workshop, the TSG-C chair posed this question to the
25 User Needs Panel, the GHRC Co-Chair, from China Telecom, indicated that they
26 believe that CSIM on UICC is the necessary path moving forward.

27 • Josh Komenda (Qualcomm) has volunteered for the position of WG1 Vice-Chair
28 and is expected to supply a letter of support at the interim Plenary.

29 • One (1) interim WG1 conference call has been scheduled for 18 July 2012 during
30 8:00-10:00 AM US west coast time slot.

31 • The following new document number assignments were included in the latest
32 version of the TSG-C document log (C00-20120611-003):

TSG-C Document #	Document Title	Supported TSG-C WIs	Supported 3GPP2 WIs
NONE			

33 There were no TSG-C Work Items recommended for approval.

WI	Title

DECISION: C.P0105-0 Unstructured Supplementary Service Data (USSD) Service Options for Spread Spectrum Systems: Service Options 78 and 79 (C00-20120611-110) was approved without objection for publication as C.S0105-0 v1.0 and liaised to TIA TR45.5.

DECISION: C.P0035-A v2.05 CDMA Card Application Toolkit (CCAT) (C00-20120611-111) was approved without objection for V&V review by the 3GPP2 OPs and TSG-C participants with comments due on or before Monday 23 July 2012 and liaised to TIA TR45.5.

DECISION: C.P0014-E v0.9 Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, 73 and 77 Specification (C00-20120611-112) was approved without objection for V&V review by the 3GPP2 OPs and TSG-C participants with comments due on or before Monday 23 July 2012 and liaised to TIA TR45.5.

DECISION: A WG1 PN/DN Request for the new revision of the SMS document (C.S0015-C) (C00-20120611-113) was approved without objection and remanded to WG1 for action.

DECISION: Proposed correspondence to TSG-S regarding TSG-C Review of 3GPP2 WIs (C00-20120611-114) was approved without objection for transmission.

DECISION: Proposed correspondence to TSG-S regarding the TSG-C review of S.P0126-A v0.4 Femtocell Systems SRD (C00-20120611-115) was approved without objection for transmission.

- **WG2 REPORT:** The WG2 report (C00-20120611-102R1) was presented by the WG2 Chair, Orlett Pearson (Alcatel-Lucent), as FYI.

  - Documents Being Proposed for Publication:
    - C.S0087-A v2.0 E-UTRAN – cdma2000 HRPD Connectivity and Inter-working Air Interface Specification (To be published as C.S0087-A v2.0. TSGC-165, 3GPP2-00289)

  - Documents Being Proposed for re-publication:
    - C.S0024-B v3.0 cdma2000 HRPD Air Interface Specification (TSGC-096)

  - Documents Requiring V&V Review: NONE

  - Documents proposed as baseline text:
    - C.S0097-0 v3.0. E-UTRAN – cdma2000 1x Connectivity and Interworking Air Interface Specification

1 · A joint session with TSG-S WG1 and TSG-S PMT was cancelled this meeting
2   due to the WG2 work load. WG2 will meet jointly with TSG-S WG1 to discuss
3   the IWK matrix in August 2012. Members were asked to present contributions
4   via the exploder in preparation for discussion during the August meeting. The
5   meeting is tentatively scheduled for Tuesday 5:00 – 6:00 PM.

6 · WG2 will be seeking a joint meeting between TSG-C WG1/WG2 and TSG-X
7   regarding civic alerting function of 3GPP/3GPP2 terminal at roaming in August
8   2012 in Seattle.

9 · A joint discussion between WG1 and WG2 regarding the assignment of 3-digit
10   MCNs will be held in August 2012 in Seattle.

11 · WG2 will discuss the SMS-to-9-1-1 Issue Statement in August 2012 in Seattle.

12 · WG2 plans to baseline C.S0001-F – C.S0005-F on 9 July 2012 and is scheduled
13   to go to V&V on 10 August 2012.

14 · Interim conference calls have been scheduled as follows:

Group	Date	Time
WG2	9 July 2012	Note Start Time: 8:30 AM Central
SWG1	21 June 2012	
	28 June 2012	
SWG2	20 June 2012	
	27 June 2012	Note Start Time: 8:30 AM Central
	2 July 2012	
SWG3	9 July 2012	Note Start Time: 8:30 AM Central

15   NOTE: Unless otherwise noted, all conference calls will be held from 7:00–9:00
16   PM US central time

17 **DECISION: Document number request for C.S0001-F v1.0 – C.S0005-F v1.0 (C00-**
18 **20120611-106R1) was approved without objection and remanded to WG1 for action.**

19 **DECISION: C.P0087-A E-UTRAN – cdma2000 HRPD Connectivity and Inter-**
20 **working Air Interface Specification (C00-20120611-107) was approved without**
21 **objection for publication as C.S0087-A v1.0 and liaised to TIA TR45.5.**

22 **DECISION: C.S0024-B v3.0 cdma2000 HRPD Air Interface Specification (C00-**
23 **20120611-108) was approved without objection for republication and liaised to TIA**
24 **TR45.5 based on the WG2 confirmation that all changes were editorial in nature.**

25 **DECISION: C.P0097-0 E-UTRAN – cdma2000 1x Connectivity and Interworking**
26 **Air Interface Specification (C00-20120611-109) was approved without objection as**
27 **baseline text and remanded back to WG2 for R&F.**

28 · **WG3 REPORT:** The WG3 report (C00-20120611-103R1) was presented by WG3
29   Chair, Sang Kim (LGE), as FYI.

30 · Documents Being Proposed for Publication: NONE

1 • Documents Being Proposed for Re-Publication: NONE

2 • Documents Being Proposed for V&V Review: NONE

3 • Documents Being Proposed as Baseline Text: NONE

4 • Other items for Plenary approval:

5 • Input to joint ATIS and TIA coexistence study: Proposed text for 6.1 of
6 ATIS-TIA P0017

7 • Regarding ITU activities this week:

8 • WG3 reviewed "Liaison Statement to External Organizations on Invitation
9 to submit contributions to a working document towards a preliminary draft
10 new Report ITU-R [LMS.ATG] Systems for Public Mobile
11 Communications with Aircraft". It is kept open with the deadline for
12 input contributions to the ITU being 29 October 2012 at 1600 UTC.

13 • WG3 reviewed "Liaison statement to External Organizations on Invitation
14 to Review the Working document towards the revision of
15 Recommendation ITU-R M.2015 "Frequency arrangements for public
16 protection and disaster relief radiocommunication systems in UHF bands
17 in accordance with Resolution 646 (Rev.WRC-12)". It is kept open with
18 the deadline for input contributions to the ITU being 29 October 2012 at
19 1600 UTC.

20 • WG3 reviewed "Liaison statement to External Organizations on the
21 revision work on Recommendation ITU-R M.1801 "Radio interface
22 standards for broadband wireless access systems, including mobile and
23 nomadic applications, in the mobile service operating below 6 GHz" and
24 Report ITU-R M.2116 "Characteristics of broadband wireless access
25 systems operating in the land mobile service for use in sharing studies". It
26 is kept open with the deadline for input contributions to the ITU being 29
27 October 2012 at 1600 UTC.

28 • WG3 reviewed "Liaison statement on Invitation to review the working
29 document towards the revision of Recommendation ITU-R M.2009
30 "Radio interface standards for use by public protection and disaster relief
31 operations in some parts of the UHF band in accordance with Resolution
32 646 (WRC-03)". It is kept open with the deadline for input contributions
33 to the ITU being 29 October 2012 at 1600 UTC.

34 • WG3 reviewed "Liaison statement on Invitation to consider the proposed
35 course of action towards the review of recommendations and reports
36 associated with work on WRC-15 agenda item 1.3". It is kept open with
37 the deadline for input contributions to the ITU being 29 October 2012 at
38 1600 UTC.

1   • WG3 reviewed "Liaison statement on Invitation to review and revise
2   Report ITU R M.2014 Digital land mobile systems for dispatch traffic". It
3   is kept open with the deadline for input contributions to the ITU being 29
4   October 2012 at 1600 UTC.

5   • WG3 spent some time to review the update on SGIP PAP2 activities. In addition,
6   WG3 briefly reviewed Chapter 5 of NIST IR 7761 Guidelines for Assessing
7   Wireless Standards for Smart Grid Applications.

8   • No WG3 interim conference calls have been scheduled.

9   Input to Joint ATIS/TIA Coexistence Study (C00-20120611-116) was CARRIED
10   FORWARD to the interim Plenary conference call.

11   The ITU activities report (C00-20120611-103A) was noted as FYI.

12   • **WG4 REPORT:** The WG4 report (C00-20120611-104R1) was presented by Jim Chao
13   (Alcatel-Lucent), as FYI.

14   • Documents Being Proposed for SC Level Review: NONE

15   • Documents Being Proposed for Republication:
16   • C.S0025-A v1.0 Markov Service Option (MSO) for cdma2000 Spread
17   Spectrum Systems

18   • Documents Being Proposed for V&V Review: NONE

19   • Document Proposed as Baseline Text: NONE

20   **DECISION: C.S0025-A v1.0 Markov Service Option (MSO) for cdma2000 Spread**
21   **Spectrum Systems (C00-20120611-105) was approved without objection for**
22   **republication based on the WG4 confirmation that all changes were editorial in**
23   **nature.**

24   **13.   LIAISON REPORTS:**

25   • **OP:** No contributions or discussions.

26   • **SC:** No contributions or discussions.

27   • **3GPP2 SECRETARIAT:** No contributions or discussions.

28   • **TSG-A:** Correspondence dated 13 June 2012 regarding Initiation of V&V for TSG-A
29   Specifications (C00-20120611-126) was presented from TSG-A as FYI for TSG-C.

30   • **TSG-S:** The following contributions were discussed:

31   • The TSG-S Liaison Report for June 2012 (C00-20120611-117) was presented
32   from the TSG-S Liaison as FYI for TSG-C.

1 • Correspondence to SC Chair dated 13 June 2012 providing TSG-S
2   recommendation on IFAST Liaison Relationship (C00-20120611-118) was
3   presented from TSG-S as FYI for TSG-C.

4 • Correspondence to TIA TR45.8 dated 13 June 2012 regarding V&V comment
5   resolution of S.P0148-0 v0.6 DRPM Stage 1 (C00-20120611-119) was presented
6   from TSG-S as FYI for TSG-C.

7 • Correspondence to TSG-A and TSG-C dated 13 June 2012 regarding DRPM
8   Phase 2 Planning (C00-20120611-120) was presented from TSG-S. **ACTION:**
9   **This contribution was remanded to WG1, WG2, and WG3 as FYI.**

10 • Correspondence to TIA TR45.8 dated 13 June 2012 announcing V&V of
11   S.P0146.0 v0.70 M2M Communication SRD (C00-20120611-121) was presented
12   from TSG-S as FYI for TSG-C.

13 • Correspondence to TIA TR45.8 dated 13 June 2012 regarding S.P0149-0 Remote
14   Provisioning V&V Initiation (C00-20120611-122) was presented from TSG-S as
15   FYI for TSG-C.

16 • Correspondence to TSG-X dated 13 June 2012 regarding ITU-T SG2 Inquiry
17   Regarding 3-Digit MNC (C00-20120611-123) was presented from TSG-S as FYI
18   for TSG-C.

19 • Correspondence to all TSGs dated 13 June 2012 regarding WIs for TSG Review
20   (C00-20120611-124) was presented from TSG-S. **ACTION: This contribution**
21   **was remanded to all WGs for review and comment with comments to be**
22   **coordinated by WG1.**

23 • Correspondence to all TSGs dated 13 June 2012 regarding proposed updates to
24   3GPP2-00308 (C00-20120611-125) was presented from TSG-S. **ACTION: This**
25   **contribution was remanded to WG2 for review and comment.**

26 • **TSG-X:** No contributions or discussions.

27 • **TIA:** No contributions or discussions.

28 • **ITU:** No contributions or discussions.

29 • **CDG:** No contributions or discussions.

30 • **3GPP:** No contributions or discussions.

31 • **OMA:** No contributions or discussions.

32 • **OTHER:** No contributions or discussions.

33 14. **OLD BUSINESS (continued):** No contributions or discussions.

34 15. **NEW BUSINESS (continued):** No contributions or discussions.

1   16.   **FUTURE MEETING SCHEDULE:**

10 July 2012	Interim Plenary
6-10 August 2012	Renaissance Hotel Seattle in Seattle, WA, USA
15-19 October 2012	Sapporo, Japan
10-14 December 2012	Maui, HI, USA

2   **DECISION: TSG-C has agreed to hold an interim Plenary conference call on Tuesday**
3   **10 July 2012 at 8:00 PM US east coast time, primarily to address the following issues:**

4   •   **Approve 1x Rev F for baseline - 1x Rev F would then go to V&V at end of August**
5   **meeting**

6   •   **C.S0017-0 for baseline**

7   •   **C.S0097-0 v3.0 for V&V**

8   •   **C.R0018-E v1.0 for baseline**

9   •   **C.S0107 v1.0 for baseline**

10   •   **C.S0048-A v2.0 for baseline**

11   •   **C.S0015-C v1.0 for baseline**

12   •   **Any other business**

13   **DECISION: For TSG-C meetings for August 2012 meeting in Seattle:**

14   •   **Opening Plenary will held on Monday 6 August 2012 at the normal 8:30 AM local**
15   **time.**

16   •   **Closing Plenary for the will be held on Thursday on or about 5:00 PM local time.**

17   **17.   OPEN DISCUSSION AND OTHER BUSINESS:**

18   The Chair thanked the TSG-C participants who assisted in the cdma2000 Technology Workshop
19   which was held this week.

20   18.   **ASSIGNMENTS:** The open action items as of the end of this meeting, other than standard
21   document remands, were noted as follows:

22   120416-02   A call for volunteers has been issued for persons who are interested in serving as
23   the TSG C WG1 Vice-Chair.

24   19.   **ADJOURNMENT:** The Plenary was adjourned on 15 June 2012 at 11:06 AM local time.

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20120611- *** Contribution was remanded in advance to this WG/AdHoc**			
000	DOCUMENT REGISTER	SECRETARY	FYI R1
001	AGENDA	CHAIR	APPROVED R1
002	TSG-C Meeting Summary - April 2012 – Chicago, IL, USA	SECRETARY	APPROVED R1
003	TSG-C Document Log	WG1	FYI
004	TSG-C Work Item Review Status Log	WG1	FYI
005	TSG-S Document Status Table – April 2012	TSG-S	FYI
006	Correspondence to TSG-S dated 20 April 2012 regarding review items	TSG-X	WG1
007	Correspondence to ITU-T SG11 dated 20 April 2012 regarding request for feedback on attached draft revision of Supplement 62 to ITU-T Q series Recommendations	TSG-X	WG3
008	E-mail correspondences regarding SC level review and approval for C.S0011-E v1.0 Recommended Minimum Performance Standards for cdma2000 Spread Spectrum Mobile Stations	3GPP2 SECRETARIAT	FYI
009	E-mail correspondences regarding SC level review and approval for C.S0016-D v2.0 Over-the-Air Service Provisioning of Mobile Stations in Spread Spectrum Standards	3GPP2 SECRETARIAT	FYI
010	E-mail correspondences regarding SC level review and approval for C.S0032-D v1.0 Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access Network	3GPP2 SECRETARIAT	FYI
011	E-mail correspondences regarding SC level review and approval for C.S0033-D v1.0 Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access Terminal	3GPP2 SECRETARIAT	FYI
012	E-mail correspondences regarding SC level review and approval for C.S0049-A v1.0 R-UIM Conformance Testing for Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI
013	E-mail correspondences regarding SC level review and approval for C.S0051-A v1.0 Recommended Minimum Performance Standards for cdma2000 Repeaters	3GPP2 SECRETARIAT	FYI
014	E-mail correspondences regarding SC level review and approval for C.S0096-A v1.0 Recommended Minimum Performance Standards for Simultaneous cdma2000 and cdma2000-HRPD Access Terminal	3GPP2 SECRETARIAT	FYI
015	E-mail correspondences regarding SC level review and approval for republication of C.S0022-B v2.0 Position Determination Service for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20120611-			
* Contribution was remanded in advance to this WG/AdHoc			
016	E-mail correspondence dated 2 April 2012 regarding V&V initiation for C.P0044-C v0.9 Interoperability Specification for cdma2000 Air Interface	3GPP2 SECRETARIAT	FYI
017	E-mail correspondence dated 2 April 2012 regarding V&V initiation and subsequent extension for C.P0087-A v1.2 E-UTRAN–cdma2000 HRPD Connectivity and Interworking Air Interface Specification	3GPP2 SECRETARIAT	FYI
018	E-mail correspondences regarding multiple V&V extensions for C.P0105-0 v0.2 Unstructured Supplementary Service Data (USSD) Service Options for Spread Spectrum Systems: Service Options 78 and 79	3GPP2 SECRETARIAT	FYI
019	3GPP2 Workplan files – June 2012	3GPP2 SECRETARIAT	WG1 ALL WGs
020	Official SC meeting summary and unofficial executive SC/OP meeting summaries for April 2012 in Chicago, IL, USA	3GPP2 SECRETARIAT/ SECRETARY	FYI
021	E-mail correspondence dated 23 April 2012 regarding receipt confirmation for TSG-C correspondence on Handover Delay	3GPP RAN4	FYI
022	E-mail correspondence dated 23 April 2012 regarding receipt confirmation for TSG-C Response to Document 5A/TEMP/342y	ITU-R WP5A	FYI
023	E-mail correspondence dated 23 April 2012 regarding confirmation liaison deadline related to "Assignment of 3 digit MNCs"	ITU-T SG2	FYI
024	TIA ballot comments regarding C.S0087-A v2.0 E-UTRAN – cdma2000 HRPD Connectivity and Inter-working Air Interface Specification	TIA TR45.5	WG2*
025	E-mail correspondence dated 17 May 2012 regarding TSG-C approval of TSGC-179 and TSGC-180	SECRETARY	FYI
026	E-mail dated 11 May 2012 regarding the departure of Raj Khanna from Rohde and Schwarz	ROHDE & SCHWARZ	FYI
027	Proposed correspondence to TSG-S regarding the review of System Requirements Documents	WG1	APPROVED
028	C.P0014-E v0.8 Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, 73 and 77 Specification proposed baseline text	WG1	APPROVED
029	C.P0018-E v0.8: Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, 73 and 77, Minimum Performance Specification (MPS) proposed baseline text	WG1	APPROVED
030	Correspondence to all TSGs dated 9 May 2012 regarding WIs for TSG Review	TSG-S	WG1 ALL WGs

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20120611- *** Contribution was remanded in advance to this WG/AdHoc**			
031	Proposed WI for updates to the Codec MPS specification	DBSD NORTH AMERICA, LIGHTSQUARED, AND QUALCOMM	WG1
032	NIST SGIP PAP2 Activity Update	TIA TR45.5 LIAISON TO SGIP/PAP2	WG3
033	TIA Legal comments regarding C.R0028-B v1.0 Minimum Performance Specification (MPS) for Software Distribution for TTY	TIA TR45.5	FYI
034	ITU-T SG2 LS dated 29 March 2012 regarding availability of civic alerting function of 3GPP/3GPP2 terminal at roaming	TIA TR45.5	FYI
035	E-mail correspondence to all TIA Committee Chairs dated 4 May 2012 regarding Smart Grid - SGIP - and Home to Grid WG	TIA	WG3
036	TIA ballot comments regarding C.S0105-0 v1.0 Unstructured Supplementary Service Data (USSD) Service Options for Spread Spectrum Systems: Service Options 78 and 79 passed ballot. TIA did not receive any comments on this document	TIA TR45.5	WG1
037	ITU-T SG2 LS dated 29 March 2012 regarding assignment of 3 digit MNCs	TIA TR45.5	WG1 WG1, WG2, WG3
038	ITU-R WP5A Invitation to submit contributions to a working document towards a preliminary draft new Report ITU-R [LMS.ATG] Systems for Public Mobile Communications with Aircraft	TIA TR45.5	WG3
039	ITU-R WP5A Invitation to Review the Working document towards the revision of Recommendation ITU-R M.2015	TIA TR45.5	WG3
040	ITU-R WP5A LS to External Organizations dated 8 June 2012 regarding the revision work on recommendation ITU-R M.1801 and Report ITU-R M.2116	TIA TR45.5	WG3
041	ITU-R WP5A Invitation to Review the Working document towards the revision of Recommendation ITU-R M.2009	TIA TR45.5	WG3
042	ITU-R WP5A Invitation to consider the proposed course of action, towards the Review of recommendations and reports associated with work on WRC-15 agenda item 1.3	TIA TR45.5	WG3
043	Invitation to Review the Working document towards the revision of Recommendation ITU-R M.2014	ITU-R WP5A	WG3
044	cdma2000 Technology Workshop draft agenda	SC WORKSHOP PLANNING AH	FYI

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20120611- *** Contribution was remanded in advance to this WG/AdHoc**			
045	Workshop presentation on cdma2000 Air Interface Releases	CHAIR	FYI
046	Workshop presentation on cdma2000 Card Environments and Provisioning	WG1 CHAIR	FYI
047	Workshop presentation on 3GPP2 M2M Communications	QUALCOMM	FYI
048	ATIS Issue Identification Form for SMS-to-9-1-1	TIA TR45.5	WG2 WG1, WG2
049	Correspondence to TSG-S dated 11 June 2012 regarding TSG-A review of S.P0146-0 v0.60 M2M Communication SRD	TSG-A	FYI
050	Correspondence to TSG-X dated 11 June 2012 regarding assignment of three (3) digit MNCs	TSG-A	FYI
051	TIA TC CCSC correspondence to TIA Committee Chairs dated 30 May 2012 regarding Cloud Computing Standards Support	TIA TR45.5	WG2 ALL WGs
CLOSING PLENARY – C00-20120611- *** Contribution was remanded in advance to this WG/AdHoc**			
101	WG1 Report	WG1	FYI
102	WG2 Report	WG2	FYI
103	WG3 Report	WG3	FYI
104	WG4 Report	WG4	FYI
105	C.S0025-A v1.0 Markov Service Option (MSO) for cdma2000 Spread Spectrum Systems proposed republication text	WG4	APPROVAL
106	Document number request for C.S0001-F v1.0 – C.S0005-F v1.0	WG2	APPROVED R1
107	C.P0087-A E-UTRAN – cdma2000 HRPD Connectivity and Inter-working Air Interface Specification proposed publication text	WG2	APPROVED
108	C.S0024-B v3.0. cdma2000 HRPD Air Interface Specification proposed republication text	WG2	APPROVED
109	C.P0097-0 E-UTRAN – cdma2000 1x Connectivity and Interworking Air Interface Specification proposed baseline text	WG2	APPROVED
110	C.P0105-0 Unstructured Supplementary Service Data (USSD) Service Options for Spread Spectrum Systems: Service Options 78 and 79 proposed publication text	WG1	APPROVED
111	C.P0035-A v2.05 CDMA Card Application Toolkit (CCAT) proposed V&V text	WG1	APPROVED
112	C.P0014-E v0.9 Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, 73 and 77 Specification proposed V&V text	WG1	APPROVED
113	WG1 PN/DN Request for the new revision of the SMS document (C.S0015-C)	WG1	APPROVED
114	Proposed correspondence to TSG-S regarding TSG-C Review of 3GPP2 WIs	WG1	APPROVED

NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20120611- *** Contribution was remanded in advance to this WG/AdHoc**			
115	Proposed correspondence to TSG-S regarding the TSG-C review of S.P0126-A v0.4 Femtocell Systems SRD	WG1	APPROVED
116	Input to Joint ATIS/TIA Coexistence Study	WG3	CARRIED FORWARD
117	TSG-S Liaison Report – June 2012 – Guangzhou, China	TSG-S LIAISON	FYI
118	Correspondence to SC Chair dated 13 June 2012 providing TSG-S recommendation on IFAST Liaison Relationship	TSG-S	FYI
119	Correspondence to TIA TR45.8 dated 13 June 2012 regarding V&V comment resolution of S.P0148-0 v0.6 DRPM Stage 1	TSG-S	FYI
120	Correspondence to TSG-A and TSG-C dated 13 June 2012 regarding DRPM Phase 2 Planning	TSG-S	WG1, WG2, WG3
121	Correspondence to TIA TR45.8 dated 13 June 2012 Announcing V&V of S.P0146.0 v0.70 M2M Communication SRD	TSG-S	FYI
122	Correspondence to TIA TR45.8 dated 13 June 2012 regarding S.P0149-0 Remote Provisioning V&V Initiation	TSG-S	FYI
123	Correspondence to TSG-X dated 13 June 2012 regarding ITU-T SG2 Inquiry Regarding 3-Digit MNC	TSG-S	FYI
124	Correspondence to all TSGs dated 13 June 2012 regarding WIs for TSG Review	TSG-S	WG1 ALL WGs
125	Correspondence to all TSGs dated 13 June 2012 regarding proposed updates to 3GPP2-00308	TSG-S	WG2
126	Correspondence dated 13 June 2012 regarding Initiation of V&V for TSG-A Specifications	TSG-A	FYI

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3GPP2 QUORUM ROLL CALL TSG-C (cdma2000 Air Interface) Guangzhou, China 15-Jun-12							
INDIVIDUAL MEMBER COMPANY			**Consec Mtgs Missed**	**Voting Status**	**Quorum Status**	**Voting Status**	**Quorum Status**
	6/11/2012	**6/15/2012**	**Including this Mtg**	**This Meeting**	**This Meeting**	**Next Meeting***	**Next Meeting***
AGILENT TECHNOLOGIES			2	1	1	1	1
ALCATEL-LUCENT	1		0	1	1	1	1
APPLIED COMMUNICATION SCIENCES			3	1	1	1	1
CHINA TELECOM	1		0	1	1	1	1
COMPRION	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	1		0	1	1	1	1
MOTOROLA MOBILITY	1		0	1	1	1	1
NSN	1		0	1	0	1	0
QUALCOMM	1		0	1	1	1	1
RITCOE			2	0	0	0	0
RITT			1	0	0	0	0
ROHDE & SCHWARZ			1	1	1	1	1
SAMSUNG			3	0	0	0	0
SPIRENT COMMUNICATIONS			1	0	0	0	0
SPRINT/NEXTEL	1		0	1	1	1	1
VIA TELECOM	1		0	1	1	1	1
ZTE			0	1	1	1	1
TOTAL APPLICABLE TO QUORUM	**14**	**0**		**18**	**17**	**18**	**17**
QUORUM CALCULATION	**82%**	**0%**					
ADDITIONS							
GUESTS OR OBSERVERS							
ARIB							
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

* Next Meeting status based on the assumption that the company will be present at the next meeting.

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