

TSG-AC – Access Network & Air Interfaces  
24 September 2014 Meeting Summary  
Interim Plenary Teleconference

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1 **1. Call to Order & Opening Remarks**

2 The meeting was opened at 8:07pm (EDT) on 24 September 2014 by the Chair, Dr. Edward  
3 Tiedemann (Qualcomm).

4 **2. Attendance Registration & Roll Call**

5 Quorum was achieved, as nine (9) of the twelve (12) quorum members were present.

6 The attendees, as recorded by GoToMeeting, were:

7 Doug Dunn (Kyocera), [doug.dunn@kyocera.com](mailto:doug.dunn@kyocera.com)  
8 Orlett W. Pearson (ALU), [orlett.pearson@alcatel-lucent.com](mailto:orlett.pearson@alcatel-lucent.com)  
9 Xiaowu (Frankle) Zhao-ZTE, [zhao.xiaowu@zte.com.cn](mailto:zhao.xiaowu@zte.com.cn)  
10 yosuke akimoto, [yosuke.akimoto@g.softbank.co.jp](mailto:yosuke.akimoto@g.softbank.co.jp)  
11 Jing Sun, [jingsun@qti.qualcomm.com](mailto:jingsun@qti.qualcomm.com)  
12 Ed Tiedemann, [etied@qti.qualcomm.com](mailto:etied@qti.qualcomm.com)  
13 3GPP2 TSG-C, [3gtsgc@3gpp2.org](mailto:3gtsgc@3gpp2.org)  
14 Tony Lee, [aslee@via-telecom.com](mailto:aslee@via-telecom.com)  
15 Yuezhen, [wangyzh@gsta.com](mailto:wangyzh@gsta.com)  
16 Ting Lu, [lu.ting@zte.com.cn](mailto:lu.ting@zte.com.cn)  
17 Yingming Wang, [wangyingming@huawei.com](mailto:wangyingming@huawei.com)  
18 Alex Tkatch, R&S, [alex.tkatch@rsa.rohde-schwarz.com](mailto:alex.tkatch@rsa.rohde-schwarz.com)  
19 Victoria Mitchell, [vmitchell@tiaonline.org](mailto:vmitchell@tiaonline.org)

20 **3. Introduction & Numbering of Contributions**

21 Contributions were uploaded to the ftp site and noted on the document register (AC00-  
22 20140924-000r1).

23 **4. Agenda Approval & Assignment of Contributions to Agenda Items**

24 [Decision AC-2014/09-01](#)

25 The agenda presented in AC00-20140924-001r1 was approved as presented.

26 **5. Review & Approval of July 2014 (Dalian) Meeting Summary**

27 Review and approval of the July 2014 (Dalian) meeting summary was deferred to the December  
28 2014 meeting.

29 **6. Review of Outstanding Action Items**

30 The outstanding action items were reviewed and the statuses updated:

- 31 120416-02 A call for volunteers has been issued for persons who are interested in serving as  
32 the TSG-AC WG1 Vice-Chair. **Open**
- 33 121210-03 WG2 must develop text for the 3GPP2 website which shows the succession of  
34 C.S0017 documents and provides the mapping to their TIA transposed version no  
35 later than the March 2013 meeting.

1 AC20-20140318-110r2 is the current status of the proposed website text. The  
2 Secretariat will update the website, accordingly. Victoria Mitchell will compare  
3 the Word version of ISA-707-A to the pdf. Once verified as identical, the Word  
4 version will be updated to correct the headers and cover page.

5 Comparison of the Word and pdf versions of the documents has been  
6 completed; the documents are identical. The Secretariat will work with the WG2  
7 Chair to discuss, offline, the way forward on how to get the document ready for  
8 publication.

9 2014/07-06 AC00-20140715-044, Liaison Statement Regarding "Working document towards  
10 a preliminary draft new ITU-R Report on the Smart Grid project", was remanded  
11 to WG3 for review and action. The ITU response is due 31 December 2014. **Open**

12 2014/07-07 AC00-20140715-045, Liaison Statement Regarding "Architecture and Topology of  
13 IMT Networks", was remanded to WG3 and WG5 for review and action.  
14 Comments will be coordinated by WG3. If desired, an ITU response is due 8  
15 October 2014.

16 (Per WG5 Chair) WG5 reviewed the LS and its attached document  
17 Att\_5.7\_5D\_726.doc. WG5 proposed modified text on this document (see AC50-  
18 20140715-004), which was sent to WG3 to work out the LS to ITU-R WP5D.

19 **Closed**

20 2014/07-08 AC00-20140715-046, Liaison Statement Regarding "Provision of transposition  
21 references and Certification C for Draft Revision 12 of Recommendation ITU-R  
22 M.1457", was remanded to WG3 for review and action. The ITU response is due  
23 18 September 2014. **Closed**

24 2014/07-09 AC00-20140715-047, Liaison Statement Regarding "WORK PLAN, TIMELINE,  
25 PROCESS AND DELIVERABLES for the future development of international mobile  
26 telecommunications (IMT)", was remanded to WG3 for review and comment and  
27 FYI to all WGs. If desired, an ITU response is due 8 October 2014. No comment  
28 needed. **Closed**

29 2014/07-14 The WG2 Chair will submit a PN/DN request for C.P0087-A v3.1 (E-UTRAN –  
30 cdma2000 HRPD Connectivity and Interworking Air Interface Specification) into  
31 the 24 September 2014 interim plenary. In addition, a new TSG-AC work item  
32 may also be required and the associated 3GPP2 work item (3GPP2-00306 - Load  
33 Balancing between eHRPD and E-UTRAN) will be confirmed. **Closed**

34 2014/07-15 WG3 will submit into the 24 September 2014 interim plenary: **Open – carried  
35 forward to December 2014 TSG-AC meeting**

- 36 ➤ formal name for the newly-merged WG
- 37 ➤ scope/charter for the WG

1 **7. Liaison Reports & Correspondence**

2 7.1 Organizational Partners

3 AC00-20140924-018, Working Procedures Document (v17.0) Approved, was provided FYI. The  
4 Chair noted that the WPD was revised to reflect the restructuring of 3GPP2 and takes effect  
5 immediately.

6 7.2 Steering Committee

7 AC00-20140924-014, Revised December 2014 Meeting Schedule, was provided FYI.

8 7.3 SC PMT

9 **Action AC-2014/09-01**

10 AC00-20140924-003, TSG Review - Five (5) 3GPP2 Work Item Worksheets, was remanded to all  
11 working groups for review and comment.

12 7.4 3GPP2 Secretariat

13 The correspondence from the Secretariat was noted FYI:

- 14 ➤ AC00-20140924-004, V&V Extension - C.P(R)0022-B v2.04
- 15 ➤ AC00-20140924-005, V&V Extension - C.P(S)0022-B v2.04
- 16 ➤ AC00-20140924-006, C.S0065-C v1.0 (cdma2000 Application on UICC for Spread  
17 Spectrum Systems) Publication
- 18 ➤ AC00-20140924-007, C.S0074-B v1.0 (UICC-Terminal interface - Physical and Logical  
19 Characteristics for cdma2000 Spread Spectrum Systems) Publication
- 20 ➤ AC00-20140924-008, C.S0108-0 v1.0 (Guidelines for using cdma2000 1x Revision F M2M  
21 Features) Publication
- 22 ➤ AC00-20140924-009, C.S0017-010-A v3.0 (Data Service Options for Spread Spectrum  
23 Systems: Radio Link Protocol Type 3) Publication
- 24 ➤ AC00-20140924-010, C.S0073-B v2.0 (Signaling Test Specification for Mobile Station  
25 Equipment Identifier (MEID) Support for cdma2000 Spread Spectrum Systems)  
26 Publication
- 27 ➤ AC00-20140924-011, C.S0043-B v1.0 (Signaling Conformance Test Specification for  
28 cdma2000 Spread Spectrum Systems) Republication
- 29 ➤ AC00-20140924-012, C.S0044-D v1.0 (Interoperability Specification for cdma2000 Air  
30 Interface) Republication
- 31 ➤ AC00-20140924-013, C.S0096-A v2.0 (Recommended Minimum Performance Standards  
32 for Mobile Stations that Support Simultaneous Voice and High Rate Packet Data)  
33 Republication

34 7.5 TSG-SX

35 None

36 7.6 TIA

37 **Action AC-2014/09-02**

1 AC00-20140924-015, TIA Input on Architecture and Topology of IMT Networks, was remanded  
2 to WG3, FYI.

3 **Action AC-2014/09-03**

4 AC00-20140924-016, C.S0022-B v3.0 (Position Determination Service for cdma2000 Spread  
5 Spectrum Systems) Voting Summary, was remanded to WG1 for review and action.

6 **Action AC-2014/09-04**

7 AC00-20140924-017, C.R0022-B v3.0 (Position Determination Service for cdma2000 Spread  
8 Spectrum Systems Software Distribution) Voting Summary, was remanded to WG1 for review  
9 and action.

10 7.7 ITU

11 None

12 7.8 CDG

13 None

14 7.9 OMA

15 None

16 7.10 3GPP

17 None

18 7.11 ETSI

19 **Action AC-2014/09-05**

20 AC00-20140924-019, Liaison Statement re: Network Access Algorithm Support for the  
21 Embedded UICC, was remanded to WG1 for review and comment. Comments are to be  
22 coordinated w/TSG-SX.

23 ➤ The TSG-SX Chair noted that he has remanded the document to TSG-SX WG4; Frankle  
24 will confirm with Anand as to whether a response will be sent.

25 7.12 oneM2M

26 None

27 7.13 Other

28 None

29 **8. Working Group Reports**

30 8.1 WG1 – Application Services

31 During his verbal update, the WG1 Chair noted:

32 ➤ Since the Dalian meeting, WG1 has met twice. Those meetings focused on the Location  
33 documents and work items.

1 **Decision AC-2014/09-02**

2 AC00-20140924-021, C.P(S)0022-B v3.0 Position Determination Service for cdma2000 Spread  
3 Spectrum Systems (to be published as C.S0022-B v3.0, WI: TSGAC-189/3GPP2-00329) Proposed  
4 Publication Version, was approved for publication and liaised to TR-45.5.

5 **Decision AC-2014/09-03**

6 AC00-20140924-022, C.P(R)0022-B v3.0 Position Determination Service for cdma2000 Spread  
7 Spectrum Systems Software Distribution(to be published as C.R0022-B v3.0, WI: TSGAC-  
8 189/3GPP2-00329) Proposed Publication Version, was approved for publication and liaised to  
9 TR-45.5.

10 **8.2 WG2 – Signaling and Protocol**

11 During her verbal update, the WG2 Chair noted:

- 12 ➤ WG2 has met once since the Dalian meetings.
- 13 ➤ SWG2.1 has met three (3) times since Dalian and expects to meet three (3) more times  
14 before the December 2014 meetings in San Diego.

15 **Decision AC-2014/09-04**

16 AC00-20140924-024, C.S0087-A v4.0. E-UTRAN – cdma2000 HRPD Connectivity and  
17 Interworking Air Interface Specification – proposed V&V, was approved for V&V with comments  
18 due 5 November 2014, and liaised to TR-45.5.

19 **8.3 WG3 – Physical Layer**

20 During his verbal update, the WG3 Chair noted:

- 21 ➤ WG3 has met once since the Dalian meetings.

22 **Decision AC-2014/09-05**

23 AC00-20140924-023, Proposed baseline text for C.P0095-A v1.2 Signaling Test Specification for  
24 EUTRAN-cdma2000 Connectivity and Interworking (TSGC-00342), was approved for R&F and  
25 returned to WG3.

26 **Action AC-2014/09-06**

27 A PN/DN request, for the document to be published as C.S0095-A v2.0, will be submitted by the  
28 WG3 Chair at the December 2014 TSG-AC meeting.

29 **8.4 WG5 – Access Network Interfaces**

30 No contributions; nothing to report.

31 **9. TSG-AC Document Processing**

32 **9.1 Consideration of Projects for SC-Level Review for Publication**

33 The documents to be submitted for SC-level review were noted on the agenda:

- 34 ➤ C.S0022-B v3.0 (Position Determination Service for cdma2000 Spread Spectrum  
35 Systems)

- 1       ➤ C.R0022-B v3.0 (Position Determination Service for cdma2000 Spread Spectrum Systems  
2       Software Distribution)

3   9.2 Consideration of Documents for SC Level Review for Republication

4   None

5   9.3 Consideration of Projects for Approval for V&V Review

6   The documents to be approved for V&V were noted on the agenda:

- 7       ➤ C.S0087-A v3.1. E-UTRAN – cdma2000 HRPD Connectivity and Interworking Air Interface  
8       Specification

9   9.4 Consideration of Projects for Approval for Extended V&V Review

10   None

11   9.5 Consideration of Projects for Approval for Baseline Text

12   The documents to be approved as baseline text were noted on the agenda:

- 13       ➤ C.P0095-A v1.2 - Signalling Test Specification for EUTRAN-cdma2000 Connectivity and  
14       Interworking

15   **10. Old Business**

16   10.1 ITU Activities

17   None

18   10.2 TSG-AC WI Approvals

19   None

20   10.3 Other

21   None

22   **11. New Business**

23   11.1 New/Proposed (TSG-AC) Work Items

24   None

25   11.2 Document/Project Number Requests

26   Action AC-2014/09-07

27   AC00-20140924-025r1, PN/DN Request: E-UTRAN - cdma2000 HRPD Connectivity and  
28   Interworking Air Interface Specification and Upper Layers for cdma2000 Extended Cell High  
29   Rate Packet Data Air Interface Specification, was remanded to WG1 for processing and number  
30   assignment.

31   11.3 Proposed Modifications Work Items in TSG-AC and PMT

32   Action AC-2014/09-08

1 AC00-20140924-020, Proposed Modifications Work Items in TSG-AC and PMT, was remanded  
2 to all WGs for review and comment. Comments are due at the Chairs meeting in December  
3 2014.

#### 4 **12. Future Meeting Schedule**

5 ➤ 2-5 December 2014 – San Diego, CA

6 Detailed information on all TSG-AC meetings can be found on the 3GPP2 online calendar  
7 ([http://www.3gpp2.org/Public\\_html/Cal/index.cfm](http://www.3gpp2.org/Public_html/Cal/index.cfm)).

#### 8 **13. Open Discussion & Other Business**

9 None

#### 10 **14. Assignments**

11 See the annex to this report for the decisions, recorded actions and action items captured  
12 during the meeting.

#### 13 **15. Adjournment**

14 The TSG-AC meeting ended at approximately 9:08pm (ET) on 24 September 2014.

15

1 **September 2014 TSG-AC Decisions**

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2 **Decision AC-2014/09-01**

3 The agenda presented in AC00-20140924-001r1 was approved as presented.

4 **Decision AC-2014/09-02**

5 AC00-20140924-021, C.P(S)0022-B v3.0 Position Determination Service for cdma2000 Spread  
6 Spectrum Systems (to be published as C.S0022-B v3.0, WI: TSGAC-189/3GPP2-00329) Proposed  
7 Publication Version, was approved for publication and liaised to TR-45.5.

8 **Decision AC-2014/09-03**

9 AC00-20140924-022, C.P(R)0022-B v3.0 Position Determination Service for cdma2000 Spread  
10 Spectrum Systems Software Distribution(to be published as C.R0022-B v3.0, WI: TSGAC-  
11 189/3GPP2-00329) Proposed Publication Version, was approved for publication and liaised to  
12 TR-45.5.

13 **Decision AC-2014/09-04**

14 AC00-20140924-024, C.S0087-A v4.0. E-UTRAN – cdma2000 HRPD Connectivity and  
15 Interworking Air Interface Specification – proposed V&V, was approved for V&V with comments  
16 due 5 November 2014, and liaised to TR-45.5.

17 **Decision AC-2014/09-05**

18 AC00-20140924-023, Proposed baseline text for C.P0095-A v1.2 Signaling Test Specification for  
19 EUTRAN-cdma2000 Connectivity and Interworking (TSGC-00342), was approved for R&F and  
20 returned to WG3.

21

22



## 1 **Carried Over Action Items**

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2 120416-02 A call for volunteers has been issued for persons who are interested in serving as  
3 the TSG-AC WG1 Vice-Chair.

4 121210-03 WG2 must develop text for the 3GPP2 website which shows the succession of  
5 C.S0017 documents and provides the mapping to their TIA transposed version no  
6 later than the March 2013 meeting.

7 [AC20-20140318-110r2](#) is the current status of the proposed website text. The  
8 Secretariat will update the website, accordingly. Victoria Mitchell will compare  
9 the Word version of ISA-707-A to the pdf. Once verified as identical, the Word  
10 version will be updated to correct the headers and cover page.

11 Comparison of the Word and pdf versions of the documents has been  
12 completed; the documents are identical. The Secretariat will work with the WG2  
13 Chair to discuss, offline, the way forward on how to get the document ready for  
14 publication.

15 2014/07-15 WG3 will submit into the 24 September 2014 interim plenary  
16 ➤ formal name for the newly-merged WG  
17 ➤ scope/charter for the WG

18 2014/09-06 A PN/DN request, for the document to be published as C.S0095-A v2.0, will be  
19 submitted by the WG3 Chair at the December 2014 TSG-AC meeting.

20 2014/09-08 AC00-20140924-020, Proposed Modifications Work Items in TSG-AC and PMT,  
21 was remanded to all WGs for review and comment. Comments are due at the  
22 Chairs meeting in December 2014.

## 23 **September 2014 TSG-AC Recorded Actions**

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### 24 **Action AC-2014/09-01**

25 AC00-20140924-003, TSG Review - Five (5) 3GPP2 Work Item Worksheets, was remanded to all  
26 working groups for review and comment.

### 27 **Action AC-2014/09-02**

28 AC00-20140924-015, TIA Input on Architecture and Topology of IMT Networks, was remanded  
29 to WG3, FYI.

### 30 **Action AC-2014/09-03**

31 AC00-20140924-016, C.S0022-B v3.0 (Position Determination Service for cdma2000 Spread  
32 Spectrum Systems) Voting Summary, was remanded to WG1 for review and action.

1 **Action AC-2014/09-04**

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3 Spectrum Systems Software Distribution) Voting Summary, was remanded to WG1 for review  
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6 AC00-20140924-019, Liaison Statement re: Network Access Algorithm Support for the  
7 Embedded UICC, was remanded to WG1 for review and comment. Comments are to be  
8 coordinated w/TSG-SX.

9 ➤ The TSG-SX Chair noted that he has remanded the document to TSG-SX WG4; Frankle  
10 will confirm with Anand as to whether a response will be sent.

11 **Action AC-2014/09-06**

12 A PN/DN request, for the document to be published as C.S0095-A v2.0, will be submitted by the  
13 WG3 Chair at the December 2014 TSG-AC meeting.

14 **Action AC-2014/09-07**

15 AC00-20140924-025r1, PN/DN Request: E-UTRAN - cdma2000 HRPD Connectivity and  
16 Interworking Air Interface Specification and Upper Layers for cdma2000 Extended Cell High  
17 Rate Packet Data Air Interface Specification, was remanded to WG1 for processing and number  
18 assignment.

19 **Action AC-2014/09-08**

20 AC00-20140924-020, Proposed Modifications Work Items in TSG-AC and PMT, was remanded  
21 to all WGs for review and comment. Comments are due at the Chairs meeting in December  
22 2014.