

TSG-AC – Access Network & Air Interfaces
15-18 July 2014 Meeting Summary
aLoft Hotel – Dalian, China

1. Call to Order & Opening Remarks

The meeting was opened on 15 July 2014 by the Chair, Dr. Edward Tiedemann (Qualcomm) and began at approximately 9:48am local Dalian time. Participants were reminded that attendance is taken electronically (tsgac.3gpp2.net) and asked to sign in accordingly.

The following activities for the week were noted:

- WG1 will not have a regular face-to-face session
 - It will have a phone call session at 9am China time on Wednesday, 16 July. Meeting will be in Tactic II
- WG2 meetings will start on Tuesday at 2:00pm (Tactic IV)
- WG3 (merged ¾) will meet in Tactic VI on Wednesday morning. Jing Sun will Chair
- WG5 meets on Tuesday afternoon at 2-3:30 (Tactic II) and then on Wednesday afternoon in Tactic II
- PMT – Tuesday @ 3:30 (Tactic II)
- TSG-AC Leadership on Thursday at 7:30am (Tactic VI)
- Closing Plenary will be Friday at 1:30pm (Tactic IV)

2. Attendance Registration & Roll Call

Quorum was achieved as eight (8) of the twelve (12) quorum members were present (67% participation). There were no proxies noted at this meeting.

Quorum Members Present	Quorum Members Absent	Guests/Observers/Others
Alcatel-Lucent	China Telecom	OEC
Ericsson	Comprion	
Huawei	Rohde & Schwarz	
Kyocera	Spirent	
Qualcomm	Sprint	
Softbank		
VIA Telecom		
ZTE		

3. Introduction & Numbering of Contributions

Contributions were uploaded to the 3GPP2 server and noted on the document register (AC00-20140715-000r1).

4. Agenda Approval

[Decision AC-2014/07-01](#)

The agenda presented in AC00-20140715-001r1 was approved.

The meeting room assignments, provided in AC00-20140715-005, were noted. Additional updates were needed and an AC00-20140715-005r1 was created.

5. Assignment of Contributions to Agenda Items

Contributions were assigned to agenda topics as noted on the agenda.

6. Approval of March 2014 (Kyoto) and May 2014 (Interim) Meeting Summaries

Decision AC-2014/07-02

AC00-20170715-002, the March 2014 TSG-AC meeting summary, was approved.

Decision AC-2014/07-03

AC00-20140715-007r1, the 19 May 2014 TSG-AC interim plenary meeting summary, was approved.

7. Review of Outstanding Action Items

The outstanding assignments, as listed in AC00-20140715-002 and AC00-20140715-007r1, were reviewed and the statuses updated:

120416-02 A call for volunteers has been issued for persons who are interested in serving as the TSG-AC WG1 Vice-Chair. ([Open](#))

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

[Victoria Mitchell will compare the Word version of ISA-707-A to the pdf. Once verified as identical, the Word version will be updated to correct the headers and cover page. \(Open\)](#)

2014/03-21 The TSG-AC Chair will work to appoint leadership for the newly merged WG3/WG4. ([Open](#))

8. Liaison Reports & Incoming Correspondence

8.1 Organizational Partners

None

8.2 Steering Committee

None

8.3 SC PMT

AC00-20140715-018, FOR YOUR REVIEW BY 23 May 2014 - Three New 3GPP2 Work Item Worksheets, was posted in error; it was a duplicate of AC00-20140519-012. The correct document was created and posted as AC00-20140715-018r1, Review Date Extension Announcement - Three New 3GPP2 Work Item Worksheets, and noted as FYI.

Action AC-2014/07-01

AC00-20140715-053, TSG-AC Workplan, was remanded to all working groups for review and comment. Comments will be coordinated by WG1.

8.4 3GPP2 Secretariat

The contributions from the Secretariat were noted FYI.

- AC00-20140715-009, V&V Initiation - C.P0035-B v1.02 (CDMA Card Application Toolkit (CCAT))
- AC00-20140715-010, V&V Initiation - C.S0001-F v1.2 (Introduction to cdma2000 Spread Spectrum Systems)
- AC00-20140715-011, V&V Initiation - C.S0003-F v1.2 (Medium Access Control (MAC) Standard for cdma2000 Spread Spectrum Systems)

- 1 ➤ AC00-20140715-012, V&V Initiation - C.S0004-F v1.0 (Signaling Link Access Control (LAC) Standard for
- 2 cdma2000 Spread Spectrum Systems)
- 3 ➤ AC00-20140715-013, V&V Initiation - C.S0005-F v1.0 (Upper Layer (Layer 3) Signaling Standard for
- 4 cdma2000 Spread Spectrum Systems)
- 5 ➤ AC00-20140715-014, V&V Initiation - C.P0108-0 v0.2 (Guidelines for using cdma2000 1x Revision F
- 6 M2M Features)
- 7 ➤ AC00-20140715-015, V&V Initiation - C.P0002-F v1.2 (Physical Layer Standard for cdma2000 Spread
- 8 Spectrum Systems)
- 9 ➤ AC00-20140715-016, V&V Initiation - C.P0073-B v1.3 (Signaling Test Specification for Mobile Station
- 10 Equipment Identifier (MEID) Support for cdma2000 Spread Spectrum Systems)
- 11 ➤ AC00-20140715-017, V&V Extension - C.P0101-A v0.10 (Mobile Equipment (ME) Conformance Testing
- 12 with CSIM for cdma2000 Spread Spectrum Standards)
- 13 ➤ AC00-20140715-019, C.S0043-B v1.0 (Signaling Conformance Test Specification for cdma2000 Spread
- 14 Spectrum Systems) Publication
- 15 ➤ AC00-20140715-020, C.S0044-D v1.0 (Interoperability Specification for cdma2000 Air Interface)
- 16 Publication
- 17 ➤ AC00-20140715-021, C.S0010-E v2.0 (Recommended Minimum Performance Standards for cdma2000
- 18 Spread Spectrum Base Stations) Publication
- 19 ➤ AC00-20140715-022, C.S0011-E v2.0 (Recommended Minimum Performance Standards for cdma2000
- 20 Spread Spectrum Mobile Stations) Publication
- 21 ➤ AC00-20140715-023, C.S0032-D v2.0 (Recommended Minimum Performance Standards for cdma2000
- 22 High Rate Packet Data Access Network) Publication
- 23 ➤ AC00-20140715-024, C.S0033-D v2.0 (Recommended Minimum Performance Standards for cdma2000
- 24 High Rate Packet Data Access Terminal) Publication
- 25 ➤ AC00-20140715-025, C.S0096-A v2.0 (Recommended Minimum Performance Standards for
- 26 Simultaneous cdma2000 1x and cdma2000 HRPD Access Terminal) Publication
- 27 ➤ AC00-20140715-026, C.S0106-A v1.0 (Mobile Equipment (ME) Conformance Testing for CDMA Card
- 28 Application Toolkit) Publication
- 29 ➤ AC00-20140715-027, A.S0011~A.S0017-D v5.0 Publication
- 30 ➤ AC00-20140715-028, A.S0011~A.S0017-C v5.0 Publication
- 31 ➤ AC00-20140715-029, C.P0022-B v2.03 (Position Determination Service for cdma2000 Spread Spectrum
- 32 Systems Software Distribution) V&V Initiation
- 33 ➤ AC00-20140715-030, C.P0074-B v0.2 (UICC-Terminal interface - Physical and Logical Characteristics for
- 34 cdma2000 Spread Spectrum Systems) V&V Initiation
- 35 ➤ AC00-20140715-031, C.P0022-B v2.03 (Position Determination Service for cdma2000 Spread Spectrum
- 36 Systems) V&V Initiation
- 37 ➤ AC00-20140715-032, C.P0065-C v0.7 (cdma2000 Application on UICC for Spread Spectrum Systems)
- 38 V&V Initiation
- 39 ➤ AC00-20140715-033, C.S0101-A v1.0 (Mobile Equipment (ME) Conformance Testing with CSIM for
- 40 cdma2000 Spread Spectrum Standards) Publication
- 41 ➤ AC00-20140715-034, C.S0035-B v2.0 (CDMA Card Application Toolkit (CCAT)) Publication
- 42 ➤ AC00-20140715-035, C.S0001-F v2.0 (Introduction to cdma2000 Spread Spectrum Systems) Publication
- 43 ➤ AC00-20140715-036, C.S0003-F v2.0 (Medium Access Control (MAC) Standard for cdma2000 Spread
- 44 Spectrum Systems) Publication
- 45 ➤ AC00-20140715-037, C.S0004-F v2.0 (Signaling Link Access Control (LAC) Standard for cdma2000
- 46 Spread Spectrum Systems) Publication

- AC00-20140715-038, C.S0005-F v2.0 (Upper Layer (Layer 3) Signaling Standard for cdma2000 Spread Spectrum Systems) Publication
- AC00-20140715-040, C.P0002-F v2.0 (Physical Layer Standard for cdma2000 Spread Spectrum Systems) Publication

8.5 TSG-SX

None

8.6 TIA

Action AC-2014/07-02

AC00-20140715-039, C.S0022-B v3.0 (Position Determination Service for cdma2000 Spread Spectrum Systems) Voting Summary, was remanded to WG1 for review and action. Comments were received, from VIA Telecom, and shall be resolved by WG1.

Action AC-2014/07-03

AC00-20140715-041, C.R0022-B v3.0 (Position Determination Service for cdma2000 Spread Spectrum Systems Software Distribution) Voting Summary, was remanded to WG1 for review and action.

Action AC-2014/07-04

AC00-20140715-042, C.S0074-B v1.0 (UICC-Terminal Interface Physical and Logical Characteristics for cdma2000 Spread Spectrum Systems) Voting Summary, was remanded to WG1 for review and action.

Action AC-2014/07-05

AC00-20140715-043, C.S0065-C v1.0 (cdma2000 Application on UICC for Spread Spectrum Systems) Voting Summary, was remanded to WG1 for review and action.

8.7 ITU

Action AC-2014/07-06

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

Action AC-2014/07-07

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

Action AC-2014/07-08

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

Action AC-2014/07-09

AC00-20140715-047, Liaison Statement Regarding "WORK PLAN, TIMELINE, PROCESS AND DELIVERABLES for the future development of international mobile telecommunications (IMT)", was remanded to WG3 for review and comment and FYI to all WGs. If desired, an ITU response is due 8 October 2014.

8.8 CDG

None

1 **8.9 OMA**

2 None

3 **8.10 3GPP**

4 **Action AC-2014/07-10**

5 AC00-20140715-006, Liaison Statement regarding "Reply LS on removal of NAA-related information from TS
6 102 223 (BCCH, Timing Advance, LND)", was remanded to WG1 for review and action.

7 **8.11 ETSI**

8 **Action AC-2014/07-11**

9 AC00-20140715-008, Liaison Statement regarding "Removing 3GPP related information from TS 102 223
10 (BCCH, Timing Advance, LND)", was remanded to WG1 for review and comment.

11 **Action AC-2014/07-12**

12 AC00-20140715-052, Liaison Statement Regarding "LS on solution for maximum delay due to NULL bytes", was
13 remanded to WG1 for review and comment.

14 **8.12 oneM2M**

15 None

16 **8.13 Other**

17 None

18 **9. Working Group Reports**

19 **9.1 WG1 – Application Services**

20 The WG1 Chair noted the group's primary objectives for the week:

- 21 1. Comments made on C.S0022
 - 22 a. In addition to comments from VIA, through TIA, another company submitted a comment after
23 the V&V close date.
 - 24 i. One of the comments may be technical; however, the comment is still under review
 - 25 b. Update will be provided at the closing plenary
- 26 2. Response to liaison in contribution 052

27 AC00-20140715-003, TSG-AC Document Log, was provided FYI.

28 AC00-20140715-004, WI Review Status, was provided FYI.

29 **Decision AC-2014/07-04**

30 The three (3) TSG-AC work items provided in AC00-20140715-048 have been reviewed by WG1. No comments
31 from the other WGs were received; therefore, the following TSG-AC work items were liaised to the PMT for
32 processing as 3GPP2 work items:

- 33 ➤ AC00-20140715-048A - IOS for eHRPD-EUTRAN IWK for supporting eHRPD-EUTRAN SON (TSGAC-
34 200)
- 35 ➤ AC00-20140715-048B - eHRPD and E-UTRAN Interworking Signaling Test Specification for
36 Supporting C.S0087-A v3.0 (TSGAC-201)
- 37 ➤ AC00-20140715-048C - Bug Fixes for eHRPD Air Interface Specification (TSGAC-202)

38 **Decision AC-2014/07-05**

1 AC00-20140715-049, C.P0065-C v1.0 cdma2000 Application on UICC for Spread Spectrum Systems proposed
2 Publication text (to be published as C.S0065-C v1.0, WI: TSGAC-199/3GPP2-00339), was approved for
3 publication and liaised to TR-45.5.

4 **Decision 2014/07-06**

5 AC00-20140715-050, C.P0074-B v1.0 UICC-Terminal Interface Physical and Logical Characteristics for
6 cdma2000 Spread Spectrum Systems proposed publication text (to be published as C.S0074-B v1.0, WI:
7 TSGAC-199/3GPP2-00339), was approved for publication and liaised to TR-45.5.

8 **Decision 2014/07-07**

9 AC00-20140715-051, Proposed Reply LS on Removal of 3GPP related information from ETSI TS 102 223, was
10 approved for transmission to ETSI SCP TEC.

11 **9.2 WG2 – Signaling and Protocol**

12 The WG2 Chair noted the group's primary objectives for the week:

- 13 ➤ C.P0108-0 v1.0 – proposed publication
- 14 ➤ C.S0087-A v4.0 – proposed baseline
- 15 ➤ C.S0017-010-A v3.0
 - 16 ○ Some editorial modifications need to be verified
- 17 ➤ Continue the Stage 2/Stage 3 discussions on extended high rate packet data enhancements
- 18 ➤ xHRPD discussions
 - 19 ○ WG2 Chair to speak w/TSG-SX on whether a joint meeting should be held to discuss the
 - 20 updated requirements
- 21 ➤ WG2 Chair to send email notification

22 **9.3 WG3 – Physical Layer**

23 The WG3 primary objectives for the week were noted:

- 24 ➤ ITU-related discussions
 - 25 ○ Scope for combined WG3/4
- 26 ➤ Several documents (old WG4) need to have some small changes

27 **Action AC-2014/07-13**

28 In support of the recently merged WG3/WG4, the Secretariat will be directed to:

- 29 ➤ merge the WG3 and WG4 email reflectors. The WG3 reflector will become a union of all WG3 and WG4
30 reflector members.
- 31 ➤ delete all WG4 reflectors

32 **9.4 WG5 – Access Network Interfaces**

33 The WG5 primary objectives for the week were noted:

- 34 ➤ Review of AC5 workplan.
- 35 ➤ Administrative efforts (remands, etc)
 - 36 ○ AC00-20140318-135_LS to TSG-AC-TSG-SX Input to LS to ITU WP5D on IMT Networks
 - 37 ○ AC00-20140519-012_3GPP2 Kyoto (March 2014) WI Ws for TSG review
 - 38 ○ C00-20140715-045_LS_EOs_5D_726Att51.9 (Architecture and Topology of IMT Net).zip
 - 39 ○ AC00-20140715-046_LS_EOs_5D_726Att51.21 (IMT-2000).zip
- 40 ➤ Self Organizing Networks (Inter-SDO and within-3GPP2 SON) - any further changes from accepted:
 - 41 ○ AC50-20140318-007r0, Description for LTE-eHRPD SON, with A.S0022-C v1.0 ?
- 42 ➤ HRPD IOS - any need to progress a revision for:

- AC50-20131202-014r0 (ALU) (A.S0008-A.S0009) Correction of GEC bit description

10. TSG-AC Document Processing

10.1 Consideration of Projects for SC-Level Review for Publication

The documents expected to be presented to the Plenary for publication approval include:

- C.P0108-0 v1.0 - Guidelines for using cdma2000 1x Revision F M2M Features (TSGAC-196, 3GPP2-00337)
- C.S0017-010-A v3.0. Data Service Options for Spread Spectrum Systems: Radio Link Protocol Type 3
- C.S0022-B v3.0 Position Determination Service for cdma2000 Spread Spectrum Systems (WI: TSGAC-189/3GPP2-00329)
- C.R0022-B v3.0 Position Determination Service for cdma2000 Spread Spectrum Systems Software Distribution (to be published as WI:TSGAC-189/3GPP2-00329)
- C.P0065-C v1.0 cdma2000 Application on UICC for Spread Spectrum Systems (WI: TSGAC-199)
- C.S0074-B v1.0 UICC-Terminal Interface Physical and Logical Characteristics for cdma2000 Spread Spectrum Systems (WI: TSGAC-199)

10.2 Consideration of Projects for SC-Level Review for Re-Publication

None

10.3 Consideration of Projects for Approval for V&V Review

None

10.4 Consideration of Projects for Approval for Extended V&V Review

None

10.5 Consideration of Projects for Approval for Baseline Text

The documents expected to be presented to the Plenary for approval as baseline text include:

- C.S0087-A v4.0 - E-UTRAN – cdma2000 HRPD Connectivity and Interworking Air Interface Specification

11. Old Business

11.1 ITU Activities

None

11.2 Development Schedules

11.3 WI Approvals

None

11.4 Other

None

12. New Business

None

The TSG-AC plenary recessed at approximately 11:23am (local) on 15 July 2014.

Closing Plenary – Friday, 18 July 2014

1 TSG-AC reconvened at 1:57pm (local) on 18 July 2014.

2 **13. Working Group Reports**

3 13.1 WG1 – Application Services

4 The WG1 report was presented, as provided in AC00-20140715-101.

5 **Decision AC-2014/07-08**

6 AC00-20140715-108, C.P(S)0022-B v2.07 Position Determination Service for cdma2000 Spread Spectrum
7 Systems proposed extended V&V text (to be published as C.S0022-B v3.0, WI:TSGAC-189/3GPP2-00329), was
8 approved for extended V&V with comments due Friday, 22 August 2014 and liaised to TR-45.5.

9 **Decision AC-2014/07-09**

10 AC00-20140715-109, C.P(R)0022-B v2.04 Position Determination Service for cdma2000 Spread Spectrum
11 Systems Software Distribution proposed Extended V&V text (to be published as C.R0022-B v3.0, WI:TSGAC-
12 189/3GPP2-00329), was approved for extended V&V with comments due Friday, 22 August 2014 and liaised to
13 TR-45.5.

14 **Decision AC-2014/07-10**

15 AC00-20140715-110, Proposed reply LS on usage of NULL bytes in the UICC, was approved for transmission to
16 ETSI SCP.

17 13.2 WG2 – Signaling and Protocol

18 AC00-20140715-102r1, the WG2 report, was presented.

19 **Decision AC-2014/07-11**

20 AC00-20140715-104, C.S0108-0 v1.0 - Guidelines for using cdma2000 1x Revision F M2M Features (TSGAC-
21 196, 3GPP2-00337) proposed Publication, was approved for publication and liaised to TR-45.5.

22 **Decision AC-2014/07-12**

23 AC00-20140715-106, C.P0087-A v3.1/C.S0087-A v3.1 - E-UTRAN – cdma2000 HRPD Connectivity and
24 Interworking Air Interface Specification (3GPP2-00306) – proposed Baseline, was approved as baseline text
25 and returned to WG2 for R&F.

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

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

31 **Decision AC-2014/07-13**

32 AC00-20140715-107, C.S0017-010-A v3.0 - Data Service Options for Spread Spectrum Systems: Radio Link
33 Protocol Type 3 (3GPP2-00309, TSGC-176) – proposed Publication, was approved for publication and liaised to
34 TR-45.5.

35 13.3 WG3 – Physical Layer

36 **Decision AC-2014/07-14**

37 Jing Sun, Qualcomm, was named the WG3 Chair.

1 AC00-20140715-103, the WG3 Report, was presented FYI. The ITU activity matrix was noted, FYI, in AC00-
2 20140715-103a.

3 **Action AC-2014/07-15**

4 WG3 will submit into the 24 September 2014 interim plenary:

- 5 ➤ formal name for the newly-merged WG
- 6 ➤ scope/charter for the WG

7 **Decision AC-2014/07-15**

8 AC00-20140715-111, C.S0043-B v1.0 Signaling Conformance Test Specification for cdma2000 Spread Spectrum
9 Systems (to be published as C.S0043-B v1.0, WI: TSGAC-191, 3GPP2-00331), was approved for republication
10 and liaised to TR-45.5.

11 **Decision AC-2014/07-16**

12 AC00-20140715-112, C.S0044-D v1.0 Interoperability Specification for cdma2000 Air Interface (to be published
13 as C.S0044-D v1.0, WI: TSGAC-191, 3GPP2-00331), was approved for republication and liaised to TR-45.5.

14 **Decision AC-2014/07-17**

15 AC00-20140715-113, C.S0096-A v2.0 Recommended Minimum Performance Standards for Mobile Stations
16 that support Simultaneous Voice and High Rate Packet Data (to be published as C.S0096-A v2.0, WI: TSGAC-
17 190, 3GPP2-00330), was approved for republication and liaised to TR-45.5.

18 **Decision AC-2014/07-18**

19 AC00-20140715-114, C.P0073-B v2.0 Signaling Test Specification for Mobile Station Equipment Identifier
20 (MEID) Support for cdma2000 Spread Spectrum Systems (to be published as C.S0073-B v2.0, WI: TSGAC-193,
21 3GPP2-00333), was approved for publication and liaised to TR-45.5.

22 **Decision AC-2014/07-19**

23 AC00-20140715-115, LS to ITU WP5D on LS_EOs_5D_726Att5.9, was approved for submission into the ITU
24 WP5D and liaised to TR-45.5 and TR-45.8. TSG-AC will request that TR-45.8 review the liaison statement and
25 submit any comments to tsgac_chair@3gpp2.org by Friday, 1 August 2014. Following the review, Qualcomm
26 will submit the liaison statement to the ITU WP5D.

27 **Decision AC-2014/07-20**

28 AC00-20140715-116, LS to SDO on M.1457 update certification, was approved for transmission to the 3GPP2
29 OPs, pending verification by the WG2 Chair of the information to the provided on the Certification C form. The
30 final liaison statement will include an updated spreadsheet, as provided by the WG3 Chair.

31 **13.4 WG5 – Access Network Interfaces**

32 AC00-20140715-105, the WG5 report, was presented by Frankle Zhou (ZTE), who was acting WG5 Chair during
33 the Dalian meeting. There were no requests for Plenary approval.

34 **14. Liaison Reports & Correspondence**

35 **14.1 Organizational Partners**

36 None

37 **14.2 Steering Committee**

38 None

1 **14.3 SC PMT**

2 None

3 **14.4 3GPP2 Secretariat**

4 None

5 **14.5 TSG-SX**

6 None

7 **14.6 TIA**

8 None

9 **14.7 ITU**

10 None

11 **14.8 CDG**

12 None

13 **14.9 OMA**

14 None

15 **14.10 3GPP**

16 None

17 **14.11 ETSI**

18 None

19 **14.12 oneM2M**

20 None

21 **14.13 Other**

22 None

23 **15. New Business**

24 None

25 **16. Future Meeting Schedule**

26 ➤ 24 September 2014 @ 8:00pm (ET) – Interim Plenary Teleconference

27 ➤ 2-4 December 2014 – San Diego, CA

28 ○ The SC will review a proposal to extend the TSG-AC meeting until Friday, 5 December; the
29 December meeting dates may change. Additional information will be provided, as it becomes
30 available.

31 Detailed information on all TSG-AC meetings can be found on the 3GPP2 online calendar
32 (http://www.3gpp2.org/Public_html/Cal/index.cfm).

33 **17. Open Discussion & Other Business**

34

1 **18. Assignments**

2 See the annex to this report for the decisions and action items captured during the meeting.

3 **19. Adjournment**

4 The TSG-AC meeting ended at approximately 3:15pm (local) on 18 July 2014.

5

1 July 2014 TSG-AC Decisions

2 Decision AC-2014/07-01

3 The agenda presented in AC00-20140715-001r1 was approved.

4 Decision AC-2014/07-02

5 AC00-20170715-002, the March 2014 TSG-AC meeting summary, was approved.

6 Decision AC-2014/07-03

7 AC00-20140715-007r1, the 19 May 2014 TSG-AC interim plenary meeting summary, was approved.

8 Decision AC-2014/07-04

9 The three (3) TSG-AC work items provided in AC00-20140715-048 have been reviewed by WG1. No comments
10 from the other WGs were received; therefore, the following TSG-AC work items were liaised to the PMT for
11 processing as 3GPP2 work items:

- 12 ➤ AC00-20140715-048A - IOS for eHRPD-EUTRAN IWK for supporting eHRPD-EUTRAN SON (TSGAC-
13 200)
- 14 ➤ AC00-20140715-048B - eHRPD and E-UTRAN Interworking Signaling Test Specification for
15 Supporting C.S0087-A v3.0 (TSGAC-201)
- 16 ➤ AC00-20140715-048C - Bug Fixes for eHRPD Air Interface Specification (TSGAC-202)

17 Decision AC-2014/07-05

18 AC00-20140715-049, C.P0065-C v1.0 cdma2000 Application on UICC for Spread Spectrum Systems proposed
19 Publication text (to be published as C.S0065-C v1.0, WI: TSGAC-199/3GPP2-00339), was approved for
20 publication and liaised to TR-45.5.

21 Decision 2014/07-06

22 AC00-20140715-050, C.P0074-B v1.0 UICC-Terminal Interface Physical and Logical Characteristics for
23 cdma2000 Spread Spectrum Systems proposed publication text (to be published as C.S0074-B v1.0, WI:
24 TSGAC-199/3GPP2-00339), was approved for publication and liaised to TR-45.5.

25 Decision 2014/07-07

26 AC00-20140715-051, Proposed Reply LS on Removal of 3GPP related information from ETSI TS 102 223, was
27 approved for transmission to ETSI SCP TEC.

28 Decision AC-2014/07-08

29 AC00-20140715-108, C.P(S)0022-B v2.07 Position Determination Service for cdma2000 Spread Spectrum
30 Systems proposed extended V&V text (to be published as C.S0022-B v3.0, WI:TSGAC-189/3GPP2-00329), was
31 approved for extended V&V with comments due Friday, 22 August 2014 and liaised to TR-45.5.

32 Decision AC-2014/07-09

33 AC00-20140715-109, C.P(R)0022-B v2.04 Position Determination Service for cdma2000 Spread Spectrum
34 Systems Software Distribution proposed Extended V&V text (to be published as C.R0022-B v3.0, WI:TSGAC-
35 189/3GPP2-00329), was approved for extended V&V with comments due Friday, 22 August 2014 and liaised to
36 TR-45.5.

37 Decision AC-2014/07-10

1 AC00-20140715-110, Proposed reply LS on usage of NULL bytes in the UICC, was approved for transmission to
2 ETSI SCP.

3 **Decision AC-2014/07-11**

4 AC00-20140715-104, C.S0108-0 v1.0 - Guidelines for using cdma2000 1x Revision F M2M Features (TSGAC-
5 196, 3GPP2-00337) proposed Publication, was approved for publication and liaised to TR-45.5.

6 **Decision AC-2014/07-12**

7 AC00-20140715-106, C.P0087-A v3.1/C.S0087-A v3.1 - E-UTRAN – cdma2000 HRPD Connectivity and
8 Interworking Air Interface Specification (3GPP2-00306) – proposed Baseline, was approved as baseline text
9 and returned to WG2 for R&F.

10 **Decision AC-2014/07-13**

11 AC00-20140715-107, C.S0017-010-A v3.0 - Data Service Options for Spread Spectrum Systems: Radio Link
12 Protocol Type 3 (3GPP2-00309, TSGC-176) – proposed Publication, was approved for publication and liaised to
13 TR-45.5.

14 **Decision AC-2014/07-14**

15 Jing Sun, Qualcomm, was named the WG3 Chair.

16 **Decision AC-2014/07-15**

17 AC00-20140715-111, C.S0043-B v1.0 Signaling Conformance Test Specification for cdma2000 Spread Spectrum
18 Systems (to be published as C.S0043-B v1.0, WI: TSGAC-191, 3GPP2-00331), was approved for republication
19 and liaised to TR-45.5.

20 **Decision AC-2014/07-16**

21 AC00-20140715-112, C.S0044-D v1.0 Interoperability Specification for cdma2000 Air Interface (to be published
22 as C.S0044-D v1.0, WI: TSGAC-191, 3GPP2-00331), was approved for republication and liaised to TR-45.5.

23 **Decision AC-2014/07-17**

24 AC00-20140715-113, C.S0096-A v2.0 Recommended Minimum Performance Standards for Mobile Stations
25 that support Simultaneous Voice and High Rate Packet Data (to be published as C.S0096-A v2.0, WI: TSGAC-
26 190, 3GPP2-00330), was approved for republication and liaised to TR-45.5.

27 **Decision AC-2014/07-18**

28 AC00-20140715-114, C.P0073-B v2.0 Signaling Test Specification for Mobile Station Equipment Identifier
29 (MEID) Support for cdma2000 Spread Spectrum Systems (to be published as C.S0073-B v2.0, WI: TSGAC-193,
30 3GPP2-00333), was approved for publication and liaised to TR-45.5.

31 **Decision AC-2014/07-19**

32 AC00-20140715-115, LS to ITU WP5D on LS_EOs_5D_726Att5.9, was approved for submission into the ITU
33 WP5D and liaised to TR-45.5 and TR-45.8. TSG-AC will request that TR-45.8 review the liaison statement and
34 submit any comments to tsgac_chair@3gpp2.org by Friday, 1 August 2014. Following the review, Qualcomm
35 will submit the liaison statement to the ITU WP5D.

36 **Decision AC-2014/07-20**

37 AC00-20140715-116, LS to SDO on M.1457 update certification, was approved for transmission to the 3GPP2
38 OPs, pending verification by the WG2 Chair of the information to the provided on the Certification C form. The
39 final liaison statement will include an updated spreadsheet, as provided by the WG3 Chair.

1 Carried Over Action Items

- 2 120416-02 A call for volunteers has been issued for persons who are interested in serving as the TSG-AC
3 WG1 Vice-Chair.
- 4 121210-03 WG2 must develop text for the 3GPP2 website which shows the succession of C.S0017
5 documents and provides the mapping to their TIA transposed version no later than the March
6 2013 meeting.
- 7 [AC20-20140318-110r2](#) is the current status of the proposed website text. The Secretariat will
8 update the website, accordingly. Victoria Mitchell will compare the Word version of ISA-707-A
9 to the pdf. Once verified as identical, the Word version will be updated to correct the headers
10 and cover page.
- 11 2014/07-06 AC00-20140715-044, Liaison Statement Regarding "Working document towards a preliminary
12 draft new ITU-R Report on the Smart Grid project", was remanded to WG3 for review and
13 action. The ITU response is due 31 December 2014.
- 14 2014/07-07 AC00-20140715-045, Liaison Statement Regarding "Architecture and Topology of IMT
15 Networks", was remanded to WG3 and WG5 for review and action. Comments will be
16 coordinated by WG3. If desired, an ITU response is due 8 October 2014.
- 17 2014/07-08 AC00-20140715-046, Liaison Statement Regarding "Provision of transposition references and
18 Certification C for Draft Revision 12 of Recommendation ITU-R M.1457", was remanded to WG3
19 for review and action. The ITU response is due 18 September 2014.
- 20 2014/07-09 AC00-20140715-047, Liaison Statement Regarding "WORK PLAN, TIMELINE, PROCESS AND
21 DELIVERABLES for the future development of international mobile telecommunications (IMT)",
22 was remanded to WG3 for review and comment and FYI to all WGs. If desired, an ITU response
23 is due 8 October 2014.
- 24 2014/07-14 The WG2 Chair will submit a PN/DN request for C.P0087-A v3.1 (E-UTRAN – cdma2000 HRPD
25 Connectivity and Interworking Air Interface Specification) into the 24 September 2014 interim
26 plenary. In addition, a new TSG-AC work item may also be required and the associated 3GPP2
27 work item (3GPP2-00306 - Load Balancing between eHRPD and E-UTRAN) will be confirmed.
- 28 2014/07-15 WG3 will submit into the 24 September 2014 interim plenary:
29 ➤ formal name for the newly-merged WG
30 ➤ scope/charter for the WG

31 July 2014 TSG-AC Recorded Actions

32 Action AC-2014/07-01

33 AC00-20140715-053, TSG-AC Workplan, was remanded to all working groups for review and comment.
34 Comments will be coordinated by WG1.

35 Action AC-2014/07-02

36 AC00-20140715-039, C.S0022-B v3.0 (Position Determination Service for cdma2000 Spread Spectrum Systems)
37 Voting Summary, was remanded to WG1 for review and action. Comments were received, from VIA Telecom,
38 and shall be resolved by WG1.

1 **Action AC-2014/07-03**

2 AC00-20140715-041, C.R0022-B v3.0 (Position Determination Service for cdma2000 Spread Spectrum Systems
3 Software Distribution) Voting Summary, was remanded to WG1 for review and action.

4 **Action AC-2014/07-04**

5 AC00-20140715-042, C.S0074-B v1.0 (UICC-Terminal Interface Physical and Logical Characteristics for
6 cdma2000 Spread Spectrum Systems) Voting Summary, was remanded to WG1 for review and action.

7 **Action AC-2014/07-05**

8 AC00-20140715-043, C.S0065-C v1.0 (cdma2000 Application on UICC for Spread Spectrum Systems) Voting
9 Summary, was remanded to WG1 for review and action.

10 **Action AC-2014/07-06**

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

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

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

18 **Action AC-2014/07-08**

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

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

23 AC00-20140715-047, Liaison Statement Regarding "WORK PLAN, TIMELINE, PROCESS AND DELIVERABLES for
24 the future development of international mobile telecommunications (IMT)", was remanded to WG3 for review
25 and comment and FYI to all WGs. If desired, an ITU response is due 8 October 2014.

26 **Action AC-2014/07-10**

27 AC00-20140715-006, Liaison Statement regarding "Reply LS on removal of NAA-related information from TS
28 102 223 (BCCH, Timing Advance, LND)", was remanded to WG1 for review and action.

29 **Action AC-2014/07-11**

30 AC00-20140715-008, Liaison Statement regarding "Removing 3GPP related information from TS 102 223
31 (BCCH, Timing Advance, LND)", was remanded to WG1 for review and comment.

32 **Action AC-2014/07-12**

33 AC00-20140715-052, Liaison Statement Regarding "LS on solution for maximum delay due to NULL bytes", was
34 remanded to WG1 for review and comment.

35 **Action AC-2014/07-13**

36 In support of the recently merged WG3/WG4, the Secretariat will be directed to:

- 37 ➤ merge the WG3 and WG4 email reflectors. The WG3 reflector will become a union of all WG3 and WG4
38 reflector members.
- 39 ➤ delete all WG4 reflectors

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

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

6 **Action AC-2014/07-15**

7 WG3 will submit into the 24 September 2014 interim plenary:

- 8 ➤ formal name for the newly-merged WG
- 9 ➤ scope/charter for the WG

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