

1 **Title:**

2 **APPROVED SUMMARY OF TSG-C MEETING**
3 **for 20-24 July 2009 in Seoul, Korea**

4 **Source:**

5
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17
18 **Abstract:**

19 This document is a summary of the 3GPP2 TSG-C meetings that were held during the period of
20 20-24 July 2009 in Seoul, Korea.
21

22 **Recommendations:**

23 For review and approval.
24

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1 During the period of 20-24 July 2009, 3GPP2 TSG-C meetings were held at the Grand Hyatt Seoul
2 Hotel in Seoul, Korea. This document is intended to summarize those proceedings.

4 OPENING PLENARY

5 1. **CALL TO ORDER AND OPENING REMARKS:** The meeting was called to order on
6 Monday 20 July 2009 at 8:53 AM local time by TSG-C Chair, Ed Tiedemann (Qualcomm).

7 The Chair welcomed everyone to Seoul. The Chair requested all participants to sign in on the
8 electronic sign-in sheet via the 3GPP2 LAN.

9 2. **ATTENDANCE REGISTRATION AND ROLL CALL:** A roll call of companies indicated
10 that 21 companies included on the list of 25 active quorum members were present (84%
11 participation). Thus, meeting quorum was achieved.

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

13 3. **INTRODUCTION AND NUMBERING OF CONTRIBUTIONS:** Contributions were loaded
14 onto the 3GPP2 LAN server and listed in the document register (C00-20090720-000R1).

15 4. **AGENDA APPROVAL:** The proposed agenda (C00-20090720-001R1) was presented.

16 **DECISION: The agenda was approved without objection as submitted (C00-20090720-
17 001R1).**

18 The Chair noted the following additional activities this week:

- 19 • The new TSG-C FMOAHG will meeting at 1:30 PM on Monday 20 July 2009.
- 20 • The TSG-S 3GPP2 Vision AdHoc meets on Monday 20 July 2009 during the 5-7 PM
21 time slot.
- 22 • Joint TSG Meeting hosted by WG2 regarding femto architecture issues on Tuesday 21
23 July 2009 during the 12:00-13:00 slot.
- 24 • A meeting of the Joint TSG Femto AdHoc will be hosted by TSG-X on Tuesday 21 July
25 2009 during the 5-7 PM time slot.
- 26 • The TSG-C Chair's Team will meet on Wednesday at 7:30 AM in the WG1 meeting
27 room.
- 28 • A TSG-X hosted drafting session will be held on Thursday 23 July 2009 at 8:00 AM to
29 prepare a response to TATA regarding their EIR issues.
- 30 • The 3GPP2 Secretariat will present an overview of the WebEcho tool on Thursday
31 23 July 2009 at 5:00 PM.

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

- 1 6. **APPROVAL OF PREVIOUS MEETING SUMMARY:** The summary of the TSG-C meeting
2 for June 2009 that was held in Newport Beach, CA, USA (C00-20090720-002R1) was presented.
3 **DECISION: This meeting summary was approved without objection as submitted (C00-**
4 **20090720-002R1).**
- 5 7. **REVIEW OF OUTSTANDING ACTIONS FROM PREVIOUS MEETING:** The action
6 items from the June 2009 face-to-face meeting were noted as follows:
- 7 080825-005 WG3 to update WP5D parameters for radio interfaces appropriate for the new
8 IMT frequency ranges identified at WRC-07 as it was found that Report M.2039 for
9 CDMA MC contained incorrect values and agreed to amend this for a future WP5D
10 meeting. As noted by the WG3 Chair, this action will remain open and is expected to be
11 resolved no later than the July 2009 closing Plenary.
- 12 **DECISION: This action was held open until the closing Plenary.**
- 13 090330-001 A volunteer is being solicited to serve as the TSG-C document reviewer to review
14 primary requirements for document format and consistency with TIA transposition
15 requirements.
- 16 This action was CLOSED based on a recommendation that this be handled in the
17 individual WGs.
- 18 **DECISION: This action was CLOSED without objection.**
- 19 090511-003 Regarding the solicitation of a volunteer to serve as the TSG-C document
20 reviewer to review primary requirements for document format and consistency with TIA
21 transposition requirements, WG1 recommends that the review be done by the WG Chair,
22 or an individual appointed by the WG Chair, of the WG that is the source of the
23 document. It is also recommended that check lists be adopted for use for the V&V and
24 publication stages. WG Chairs were requested to consider the WG1 recommendation
25 related to document review and be prepared to discuss at the June 2009 meeting.
- 26 **DECISION: This action was held open until the closing Plenary.**
- 27 090511-005 TSG-C companies that host TSG-C conferences were requested to investigate and
28 advise the TSG regarding any collaborative software tools that they may have available.
29 This action was held OPEN until the July 2009 meeting.
- 30 **DECISION: This action was held open until the August 2009 meeting.**
- 31 090511-008 Correspondence to all TSGs dated 2 April 2009 regarding Work Item Worksheets
32 for Review (C00-20090511-013) from TSG S was remanded to all WGs for review and
33 comment with comments to be coordinated by WG1. This needs to be completed at the
34 opening Plenary of the July meeting.
- 35 **DECISION: This action was CLOSED without objection.**
- 36 090615-001 The Secretary requested that all WGs take responsibility for bring both a source
37 file and pdf version to the Plenary as a single zip file for approval for V&V and/or
38 publication.
- 39 **DECISION: This action was noted as on-going.**

1 090615-002 Volunteers interested in serving in the capacity of the ITU AdHoc Chair were
2 requested to contact the TSG-C Chair prior to the July 2009 meeting.

3 **DECISION: This action was held open until the closing Plenary.**

4 090615-003 WG2 took an action to make sure that WG1 is directly involved in discussions
5 that relate to system selection issues with respect to the development of interworking
6 specifications.

7 **DECISION: This action noted as on-going.**

8 090615-004 WG3 will provide a summary of the HRPD Enhancement Framework to the
9 Plenary at the July 2009 meeting.

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

11 090615-005 WG4 took an action to address RC11 and RC12 when the performance and
12 conformance test documents related to Markov service options are updated.

13 **DECISION: This action was noted as on-going.**

14 **8. LIAISON REPORTS:**

- 15 • OP: No contributions or discussion.
- 16 • SC: No contributions or discussion.
- 17 • 3GPP2 SECRETARIAT: The following contributions were discussed:
 - 18 • E-mail correspondences regarding SC level review and approval of C.R1001-G
19 v1.0 Administration of Parameter Value Assignments for cdma2000 Spread
20 Spectrum Standards - Release G (C00-20090720-007) was presented from the
21 3GPP2 Secretariat as FYI for TSG-C.
 - 22 • E-mail correspondences regarding SC level review and approval of C.S0001-E
23 v1.0 through C.S0005-E v1.0 cdma2000 1x (C00-20090720-008) was presented
24 from the 3GPP2 Secretariat as FYI for TSG-C.
 - 25 • E-mail correspondence dated 22 June 2009 regarding SC level review of
26 C.S0023-D v1.0 Removable User Identity Module for Spread Spectrum Systems
27 (C00-20090720-009) was presented from the 3GPP2 Secretariat as FYI for
28 TSG-C.
 - 29 • E-mail correspondence dated 22 June 2009 regarding extended V&V review of
30 C.P0065-A v0.9 cdma2000 Application on UICC for Spread Spectrum Systems
31 (C00-20090720-010) was presented from the 3GPP2 Secretariat as FYI for
32 TSG-C.
 - 33 • E-mail correspondence dated 22 June 2009 regarding V&V review of C.P0073-B
34 v0.9 - Signaling Test Specification for Mobile Station Equipment Identifier
35 (MEID) Support for cdma2000 Spread Spectrum Systems (C00-20090720-011)
36 was presented from the 3GPP2 Secretariat as FYI for TSG-C.

- 1 • E-mail correspondence dated 25 June 2009 regarding New TSG-A Chair and Vice
2 Chair Confirmed (C00-20090720-012) was presented from the 3GPP2 Secretariat
3 as FYI for TSG-C.
- 4 The Secretary noted that the TSG-C correspondence templates have now been
5 updated and should be used for all outbound correspondences going forward.
- 6 • E-mail correspondence dated 1 July 2009 regarding SC Action 2009/05-06 -
7 Information related to 2010 Meeting in China (C00-20090720-013) was presented
8 from the 3GPP2 Secretariat as FYI for TSG-C.
- 9 • E-mail correspondence dated 14 July 2009 regarding SC level review of
10 Correspondence to the Broadband Forum (C00-20090720-020) was presented
11 from the 3GPP2 Secretariat as FYI for TSG-C.
- 12 • 3GPP2 Workplan files – July 2009 (C00-20090720-024) was presented from the
13 3GPP2 Secretariat. **ACTION: This contribution was remanded to all WGs
14 for review and comment with comments to be coordinated by WG1.**
- 15 • E-mail correspondence dated 16 July 2009 regarding UPDATE - SDO actions
16 related to M.1457-9 (C00-20090720-030) was presented from the 3GPP2
17 Secretariat as FYI for TSG-C.
- 18 • TSG-A: No contributions or discussion.
- 19 • TSG-S: The following contributions were discussed:
- 20 • TSG-S Document Status Table for June 2009 (C00-20090720-003) was
21 presented from TSG-S. **ACTION: This contribution was remanded to all
22 WGs as FYI.**
- 23 • Correspondence to all TSGs dated 18 June 2009 regarding Work Item Worksheets
24 for Review (C00-20090720-004) was presented from TSG-S. **ACTION: This
25 contribution was remanded to all WGs for review and comment with
26 comments to be coordinated by WG1.**
- 27 • Correspondence dated 3 July 2009 regarding TSG-S Volunteers to Conduct
28 Drafting Sessions on Behalf of the WPD AdHoc (C00-20090720-018) was
29 presented from TSG-S as FYI for TSG-C.
- 30 • TSG-X: The following contributions were discussed:
- 31 • Correspondence to TSG-S dated 19 June 2009 regarding Review Items (C00-
32 20090720-005) was presented from TSG-X. **ACTION: This contribution was
33 remanded to WG1 as FYI.**
- 34 • Correspondence dated 19 June 2009 regarding ITU-T Q.1742.8 (C00-20090720-
35 006) was presented from TSG-X. **ACTION: This contribution was remanded
36 to the ITU AdHoc for review and action as appropriate.**

- 1 • FMOAHG Proposed Management Object Parameter Format Descriptions for
2 TSG-A/C/S/X (C00-20090720-036) was presented from the TSG-X FMOAHG.
3 **ACTION: This contribution was remanded to the new TSG-C Femto**
4 **Management Object AdHoc for review and action as appropriate.**
- 5 **ACTION: Femto Management Object AdHoc Group Report from the**
6 **TSG-X FOMADG Chair (C00-15 20090615-139) was also remanded to the**
7 **new TSG-C Femto Management Object AdHoc for review and action as**
8 **appropriate.**
- 9 • Correspondence dated 15 June 2009 regarding 3GPP2 Response to ITU-T SG2 on
10 Land Mobile Alerting Broadcast Capabilities (C00-20090720-037) was presented
11 from TSG-X. **ACTION: This contribution was remanded to WG1, WG2,**
12 **and the ITU AdHoc for review and comment with comments to be**
13 **coordinated by WG1.**
- 14 • Correspondence to all TSGs dated 20 July 2009 regarding TSG-S correspondence
15 on FEMTO NAM Discussion (C00-20090720-038) was presented from TSG-X.
16 **ACTION: The Secretary was assigned an action to draft a response noting**
17 **that the proposed meeting time was in conflict with the TSG-C meeting**
18 **schedule. As such, TSG-C will not send a representative to these discussions**
19 **but will provide timely response to LSs requesting TSG-C support. This**
20 **response is intended to be approved at the closing Plenary.**
- 21 • TR45: No contributions or discussion.
- 22 • ITU: The following contributions were discussed:
- 23 • An undated LS to 3GPP2 and ARIB, CCSA, TIA, TTA, TTC regarding status of
24 revision 9 of Recommendations M.1457 (C00-20090720-014) was presented from
25 ITU-R WP5D. The TIA TR45.5 Chair noted that section 5.2 of M.1457 had been
26 revised at the last WP5D meeting. Comments are due by 3 August 2009.
27 **ACTION: This contribution was remanded to the ITU AdHoc for review**
28 **and action as appropriate.**
- 29 • An undated LS to External Organizations regarding the schedule for updating
30 Recommendation M.1457 to revision 10 (C00-20090720-015) was presented
31 from ITU-R WP5D. **ACTION: This contribution was remanded to the ITU**
32 **AdHoc for review and action as appropriate.**
- 33 • An undated LS to IMT Advanced Candidate Technology Proponents and the
34 Evaluation Groups regarding updated information on IMT Advanced (C00-
35 20090720-027) was presented from ITU-R WP5D. **ACTION: This**
36 **contribution was remanded to the ITU AdHoc for review and action as**
37 **appropriate.**
- 38 • An undated LS to External Organizations regarding IMT Parameters for the band
39 790-862 MHz for use by JTG 5-6 (C00-20090720-028) was presented from
40 ITU-R WP5D. **ACTION: This contribution was remanded to WG4 and the**
41 **ITU AdHoc for review and action as appropriate.**

- An undated LS to External Organizations regarding Femtocells/Femto Access Nodes (C00-20090720-029) was presented from ITU-R WP5D. **ACTION: This contribution was remanded to the ITU AdHoc for review and action as appropriate and liaised to all TSGs.**

The Chair reminded all WGs that all responses to ITU-R WP5D should always be directed to TIA TR45.5 and other OPs as necessary.

- CDG: E-mail correspondence dated 13 July 2009 regarding ESN/UIMID Exhaustion (C00-20090720-025) was presented from CDG as FYI for TSG-C.
- OMA: No contributions or discussion.
- 3GPP/ETSI: An LS dated 26 June 2009 regarding Response LS on LTE-HRPD Interworking (C00-20090720-016) was presented from 3GPP RAN5. **ACTION: This contribution was remanded to WG4 for review and action as appropriate.**
- Other: The following contributions were discussed:
 - An LS dated July 2009 regarding media transport (C00-20090720-017) was presented from ISO/IEC JTC1/SC29/WG11. **ACTION: This contribution was remanded to WG1 for review and action as appropriate.**
 - E-mail correspondence dated 13 July 2009 regarding Indian regulatory requirement (C00-20090720-026) was presented from TATA. **ACTION: This contribution was remanded to WG1 and WG2 for review and comment with comments to be coordinated by WG2. Their review should focus on air interface issues.**
 - Proposed TSG-X response to LS from TATA regarding EIR, ESN and MEID (C00-20090720-034R1) was presented from CNP as FYI for TSG-C. This correspondence will be discussed in TSG-X on Thursday AM. **ACTION: This contribution was remanded to WG1 and WG2 for review and comment with comments to be coordinated by WG2. Their review should focus on air interface issues.**

9. WORKING GROUP REPORTS:

- **WG1 REPORT:** A verbal report of WG1 activities was presented by WG1 Chair, Doug Dunn (Kyocera), as FYI.

The WG1 Chair noted that there were two (2) approved TSG-C WIs that had not been processed as 3GPP2 WIs. TSGC-0102 Enhanced System Selection will be re-submitted to TSG-S at their opening Plenary this afternoon.

An interim Plenary should be considered for the week of 23 August 2009 to officially receive ballot comments for C.P0065-A and C.P0073 from WG4.

C.P0018-D EVRC MPS may be ready for baseline text at the closing Plenary. There was no objection to adding this item to the agenda.

1 **DECISION: C.S0023-D v1.0 Removable User Identity Module for Spread**
2 **Spectrum Systems (C00-20090720-023) was approved without objection as**
3 **publication replacement text and liaised to TIA TR45.5. The WG1 Chair noted that**
4 **these changes involve only format changes and changes for readability and that no**
5 **changes were made to the technical content of the document.**

- 6 • **WG2 REPORT:** A verbal report of WG2 activities was presented by WG2 Chair, Orlett
7 Pearson (Alcatel-Lucent), as FYI.

8 WG2 plans to complete the milestone planning for interworking projects and to progress
9 the development of HRPD Rev. C.

10 No actions requested from Plenary at this time.

- 11 • **WG3 REPORT:** A verbal report of the WG3 activities was presented by the WG3 Chair,
12 Sang Kim (LGE), as FYI.

13 **DECISION: Document number request for Band Class Document (C.P0057 D)**
14 **(C00-20090720-032) was approved without objection. ACTION: This contribution**
15 **was remanded to WG1 for review and action as appropriate.**

16 **DECISION: C.P0057-D Band Class Document (C00-20090720-019) was approved**
17 **without objection as baseline text and remanded back to WG3 for R&F.**

18 Master spread sheet for R&F comments for C.P0057-D Band Class Document (C00-
19 20090720-021) was noted as FYI.

20 The presentation of a contribution regarding Harmonized HRPD Rev. C overview (C00-
21 20090720-035) was deferred until Monday 20 July 2009 after the new TSG-C FMOAHG
22 meeting and was presented at that time.

- 23 • **WG4 REPORT:** A verbal report of the WG4 activities was presented by the WG4
24 Co-Chair, Dave Whipple (Agilent), as FYI.

25 **DECISION: Document number request for C.P0073-B Signaling Test Specification**
26 **for Mobile Station Equipment Identifier (MEID) Support for cdma2000 Spread**
27 **Spectrum Systems (C00-20090720-022) was approved without objection. ACTION:**
28 **This contribution was remanded to WG1 for review and action as appropriate.**

- 29 • **ITU REPORT:** A contribution regarding WP5D 5th meeting results (C00-20090720-
30 033R1) was presented from the ITU AdHoc Chair. This report noted the following:

- 31 • WP5D agreed to send draft revision of Rec. ITU-R M.1457-8
- 32 • 3GPP2 OPs are requested to re-submit letter of conveyance by 3 August 2009.
- 33 • WP5D agreed the schedule for M.1457-10

34 M.1457-10 will be drafted during 6th-8th meeting of WP5D (Oct. '09 – Jun '10)
35 and will be sent to SG5 Nov. '10

- 1 • WP5D agreed the schedule for M.1580-4/M.1581-4
2 M.1580-4 and M.1581-4 will be drafted during 6th -9th meeting. They will
3 contain the unwanted emission specs which are consistent with the air interface
4 specs of M.1457-10.
- 5 • 3GPP submission
6 3GPP submitted initial submission for IMT-Advanced SRIT proposal. However,
7 only technology description template which contains FDD & TDD portions was
8 included and complete submission will be submitted at next meeting.
- 9 • IEEE submission
10 IEEE stated their intention to submit IMT-Advanced proposal next meeting.
- 11 • Workshop on IMT-Advanced
12 3rd workshop on IMT-Advanced will be held on Oct.15th at Dresden, Germany.
13 Presenters will be the proponents of candidate IMT-Advanced air interface and
14 the external evaluation groups.
- 15 • Corrections of M.[IMT.EVAL]
16 2 typos and 1 missing text were found in Report ITU-R M.2135
17 (M.[IMT.EVAL]) and corrections were released as IMT-ADV3.
- 18 • Femtocell
19 WP5D agreed the description of “Femto Access Node” and decided not to
20 develop any ITU deliverables (Recommendation or Report) on Femto at this point.
- 21 • Cognitive Radio Systems
22 Some contributions on CRS were submitted and CRS applications on IMT may be
23 discussed at next meeting.
- 24 • Frequency arrangement for IMT
25 Discussion on revising Rec. ITU-R M.1036-3 is still continued. Main issues are
26 the arrangement of 700MHz band and 3.4GHz band. Completion date on draft
27 M.1036-4 will be deferred to Feb. '11.
- 28 • Coordination with satellite group
29 ITU-R SG4 (Satellite group) is now developing the recommendations for
30 coexistence study with terrestrial systems and WP5D sent a comments on PFD
31 values.
- 32 • Discussions planned for the next meeting:
33 • IMT-Advanced proposals
34 • Co-existence study on IMT-2000
35 • Frequency arrangement for IMT
36 • Sharing parameters on UHF band

1 **ACTION: This contribution was remanded to WG4 and the ITU AdHoc as FYI.**

2 **DECISION: The Chair created a TSG-C Management Object AdHoc (CMOAHG) at the**
3 **Plenary level. Peerapol Tinnakornsriruphap (Qualcomm) was named as the AdHoc Chair.**
4 **A meeting was scheduled of this AdHoc for that afternoon at 1:30 PM local time.**

5 10. **OLD BUSINESS:** A WI proposal for Update of C.S0036 for Position Determination Service
6 standard C.S0022-B (C00-20090720-031) was from Qualcomm, Rohde and Schwarz, and
7 Spirent. **ACTION: This contribution was remanded to WG1 and WG4 for review and**
8 **comment with comments to be coordinated by WG1 with the note that the all of the**
9 **proposed test cases are optional.**

10 11. **ITU PROCESS/APPROVAL:** No contributions or discussions.

11 12. **NEW BUSINESS:** No contributions or discussions.

12 This session was recessed on 20 July 2009 at 12:01 PM local time.

13 **CLOSING PLENARY:**

14
15
16 The meeting was reconvened on Friday 24 July 2009 at 8:54 AM local time by TSG-C Chair, Ed
17 Tiedemann (Qualcomm).

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

20 The Chair noted that, although an interim Plenary prior to the next meeting had been considered by the
21 Chair's team, it was decided to the scheduling of this interim Plenary would be problematic and not
22 provide any substantial scheduling benefit. However, TIA ballot comments will be unofficially advance
23 remanded to all WGs upon receipt.

24 **13. WORKING GROUP REPORTS:**

- 25 • **WG1 REPORT:** The WG1 report (C00-20090720-101) was presented by WG1 Chair,
26 Doug Dunn (Kyocera), as FYI.
 - 27 • Documents Being Proposed for SC Level Review: NONE
 - 28 • Documents Being Released to Resolve TIA Legal comments: NONE
 - 29 • Documents Being Proposed for V&V:
 - 30 • C.P0014-D Software Distribution for Enhanced Variable Rate Codec,
31 Speech Service Options 3, 68, 70, and 73 for Wideband Spread Spectrum
32 Digital Systems
- 33 • Documents Being Proposed for Baseline:
 - 34 • C.P0018-D Minimum Performance Specification for the Enhanced
35 Variable Rate Codec, Speech Service Options 3, 68, 70, and 73 for
- 36 Wideband Spread Spectrum Digital Systems

- 1 • C.P0018-D Software Distribution for Enhanced Variable Rate Codec
- 2 (EVRC), Speech Service Options 3, 68, 70, and 73, Minimum
- 3 Performance Specification (MPS)
- 4 • Also progressed the development of the following:
- 5 • C.S0016-D Over-the-Air Service Provisioning of Mobile Stations in
- 6 Spread Spectrum Standards
- 7 • C.P0065-A cdma2000 Application on UICC for Spread Spectrum Systems
- 8 • The following project numbers were assigned, pending Plenary approval below:

3GPP2 Doc #	Title
C.S0073-B v1.0	Signaling Test Specification for Mobile Station Equipment Identifier (MEID) Support for cdma2000 Spread Spectrum System
C.S0057-D v1.0	Band Class Specification for cdma2000 Spread Spectrum Systems
C.S0018-D v1.0	Minimum Performance Specification for the Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, and 73 for Wideband Spread Spectrum Digital Systems
C.R0018-D v1.0	Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, and 73, Minimum Performance Specification (MPS)

- 9 • During the Newport Beach meeting, a significant R&F comment was made
- 10 C.P0016-D. During the Seoul meeting, a follow up contribution was presented
- 11 with additional features. The participants in WG1 were unable to reach consensus
- 12 with respect to this contribution. With the guidance of the TSG-C chair, WG1
- 13 participants agreed to produce a clean version of C.P0016-D with the agreed upon
- 14 content. The participants also agreed to work offline to resolve the issues
- 15 surrounding the new contribution. Proposals have been made to move forward
- 16 include moving forward with V&V and publication based on the currently
- 17 accepted items and address the newly introduced features in the next revision,
- 18 which could be started immediately. The TSG-C Chair suggested that if
- 19 resolution could not be reached by the Toronto meeting then the issue should be
- 20 brought up to plenary.
- 21 • WG1 worked with WG2 to assist TR45.8 with a response for the ITU-T liaison
- 22 regarding land mobile broadcasting capability. TSG-X has proposed a joint
- 23 meeting to discuss this further during the September meeting.
- 24 • WG1 provided input to WG2 with a response to Tata.
- 25 • A teleconference will be held to address MMSS, work planning, and any
- 26 C.S0065-A V&V comments that might be made.

27 **DECISION: Project Number/Document Number Request - C.P0018-D (C00-**
 28 **20090720-117) was approved without objection.**

DECISION: C.P0014-D Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, and 73, Specification (C00-20090720-120) was approved without objection for V&V review by the 3GPP2 OPs and TSG-S participants with comments due on or before 31 August 2009 and liaised to TIA TR45.5.

DECISION: C.P0018-D Minimum Performance Specification for the Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, and 73 for Wideband Spread Spectrum Digital Systems (C00-20090720-118), to be published as C.S0018-D, was approved without objection as baseline text and remanded back to WG1 for R&F.

DECISION: C.P0018-D Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, and 73, Minimum Performance Specification (MPS) (C00-20090720-119) , to be published as C.R0018-D, was approved without objection as baseline text and remanded back to WG1 for R&F.

DECISION: Proposed correspondence to TSG-S regarding TSG-C review of 3GPP2 Work Items (C00-20090720-114) was approved without objection for transmission.

DECISION: Proposed correspondence to TSG-S regarding TSG-C review of SC.P2004-003-0 v0.4 and SC.P2005-003 v0.6 (C00-20090720-115R2) was approved without objection for transmission with its attachment.

DECISION: Proposed correspondence to TSG-S regarding TSG-C review of S.P0136-0 v1.1 System Requirements for MSC Pool (C00-20090720-116R1) was approved without objection for transmission.

DECISION: Proposed correspondence to the 3GPP2 Secretariat regarding work plan questions (C00-20090720-121R1) was approved without objection for transmission.

DECISION: The WI proposal identified in C00-20090720-101A was approved without objection:

3GPP2 WI #	Title
TSGC-132	Bug fixes for Access Terminal Minimum Performance Standards for cdma2000 High Rate Packet Data

- **WG2 REPORT:** The WG2 report (C00-20090720-102) was presented by the WG2 Chair, Orlett Pearson (Alcatel-Lucent), as FYI.
 - Documents Being Proposed for SC Level Review: NONE
 - Documents Requiring V&V Review:
 - C.P0024-B v2.0 cdma2000® High Rate Packet Data Air Interface Specification - Extended V&V
 - Documents proposed as baseline text: NONE

- 1 • Revision C schedule change was approved basically adding the Stage 2
2 submissions (concept) cutoff date (18 August 2009), along with the Stage 2
3 decision date (20 August 2009). This was approved and sent to WG1.
- 4 • Milestone – Stage 2 decision were agreed to this week for C.S0087-0 v2.0.
- 5 • Response to Draft ITU-T Recommendation on Requirements for Land Mobile
6 Alerting Broadcast Capabilities for Civic Purposes was provided to WG1.
- 7 • Discussed and provided modifications to the proposed liaison to TATA. Sent an
8 advance draft proposal to TSG-X.
- 9 • WG2 had a joint session with WG1 on MMSS. The group agreed to proceed with
10 Stage 2 development by agreeing to have a parameter(s) that are broadcast using
11 the otherRATNeighborlist msg. Provide flexibility in Stage 3 text by allowing for
12 both options: MMSS and Idle Mode Handoff as proposed for C.S0087. WG1 and
13 WG2 will have another conference call once SWG2 moves into Stage 3
14 discussions. From a Stage 2 standpoint, there were no actions for WG1.

- 15 • Conference calls to be held in the interim include the following:

Group	Date	Time
SWG1	29 July 2009	7:00 – 9:00 PM Central
	5 August 2009	7:00 – 9:00 PM Central
	12 August 2009	8:00 – 10:00 AM Central
SWG2	30 July 2009	8:00 – 10:00 AM Central
	6 August 2009	7:00 – 9:00 PM Central
	13 August 2009	7:00 – 9:00 PM Central
SWG3	11 August 2009	7:00 – 9:00 PM Central

16 **DECISION: C.P0024-B v2.3 cdma2000[®] High Rate Packet Data Air Interface**
17 **Specification (C00-20090720-111) was approved without objection for extended**
18 **V&V review by the 3GPP2 OPs and TSG-S participants with comments due on or**
19 **before 31 August 2009 and liaised to TIA TR45.5.**

20 **DECISION: Proposed correspondence to 3GPP SA2, RAN3, and CT4 regarding**
21 **RTD Delivery (C00-20090720-112) was approved without objection for transmission**
22 **with its attachment 112A-R2.**

23 **DECISION: Proposed correspondence to TSG-X regarding response to TATA on**
24 **EIR issues (C00-20090720-113) was approved without objection for transmission**
25 **with its attachment.**

- 26 • **WG3 REPORT:** The WG3 report (C00-20090720-103) was presented by WG3 Chair,
27 Sang Kim (LGE), as FYI.
- 28 • Documents Being Proposed for SC Level Review: NONE
- 29 • Documents Being Proposed for V&V Review:
 - 30 • C.P0057-D Band Class Document

- 1 • Documents Being Proposed as Baseline Text: NONE
- 2 • WG3 received and discussed several contributions on DO-enhancements.
- 3 According to the schedule, the deadline for the submission and decision of
- 4 component technologies is the August 2009 meeting.

5 **DECISION: C.P0057-D Band Class Document (C00-20090720-108) was approved**

6 **without objection for V&V review by the 3GPP2 OPs and TSG-S participants with**

7 **comments due on or before 31 August 2009 and liaised to TIA TR45.5.**

8 Master V&V Spreadsheet for C.P0057-D Band Class Document (C00-20090720-109)

9 was noted as FYI for TSG-C.

- 10 • **WG4 REPORT:** The WG4 report (C00-20090720-104) was presented by WG4 Co-
- 11 Chair, Dave Whipple (Agilent), as FYI.

- 12 • Documents Being Proposed for SC Level Review: NONE
- 13 • Documents Being Proposed for V&V Review: NONE
- 14 • Document Proposed as Baseline Text: NONE
- 15 • Work continues on updates to C.S0010, C.S0011, C.S0032, and C.S0033 to add
- 16 new band class and support Rev E. Several contributions have been received on
- 17 MPS for femtocells.
- 18 • V&V is in progress for C.P0073-B v0.9 Signaling Test Specification for Mobile
- 19 Station Equipment Identifier (MEID) Support for cdma2000 Spread Spectrum
- 20 Systems text.
- 21 • Work continues on C.P0095. This also contains HRPD-eHRPD test cases.

22 No actions required from Plenary at this time.

- 23 • **ITU ADHOC REPORT:** The ITU AdHoc Report (C00-20090720-105) was presented
- 24 by Tao Chen (Qualcomm), as FYI.

- 25 • The group discussed all tasks listed in the work plan in Section 3 of this report.
- 26 • After review of the liaison statement from ITU-R WP5, the AdHoc created and
- 27 agreed on a draft TIA response.

28 **DECISION: TIA Letters of Conveyance for M.1457-9 (C00-20090720-110) was**

29 **approved without objection to be liaised to TIA TR45.5 and copied to the other OPs.**

- 30 • **TSG-C MANAGEMENT OBJECT ADHOC (CMOAHG) REPORT:** The
- 31 CMOAHG Report (C00-20090720-106) was presented by the CMOAHG Chair, Peerapol
- 32 Tinnakornsriruphap (Qualcomm), as FYI.

- 33 • In this kick-off meeting, the group discussed the deliverable and timeline.
- 34 • The group agreed to produce the initial draft for TSG-X FMOAHG in August
- 35 meeting.

- 1 • Many administrative and logistic details (e.g., mailing list, conference calls) were
2 addressed.
 - 3 • An overview of TR-196 design principle was presented in contribution.
 - 4 • Template for input contributions and 1x/HRPD draft management objects were
5 submitted.
- 6 No actions required from Plenary at this time.

7 **14. LIAISON REPORTS:**

- 8 • OP: No contributions or discussions.
- 9 • SC: No contributions or discussions.
- 10 • 3GPP2 SECRETARIAT: E-mail correspondence dated 23 July 2009 regarding SC level
11 review of publication replacement text for C.S0023-D v1.0 Removable User Identity
12 Module for Spread Spectrum Systems (C00-20090720-123) was presented from the
13 3GPP2 Secretariat as FYI for TSG-C.
- 14 • TSG-A: No contributions or discussions.
- 15 • TSG-S: The following contributions were discussed:
 - 16 • The TSG-S Liaison Report for September 2008 (C00-20090720-124) was
17 presented from the TSG-S Liaison as FYI for TSG-C.
 - 18 • Correspondence to TIA TR45.8 dated 23 July 2009 announcing V&V of S.P0108-
19 0 v2.0 HRPD – cdma2000 1x Interoperability for Voice and Data SRD until 17
20 September 2009 (C00-20090720-125) was presented from TSG-S as FYI for
21 TSG-C.
 - 22 • Correspondence to GDA/GSMA dated 23 July 2009 regarding IMEI/MEID
23 Allocation Coordination JEM (Joint Expert Meeting) (C00-20090720-126) was
24 presented from TSG-S as FYI for TSG-C.
 - 25 • Correspondence to TSG-X dated 23 July 2009 regarding Femto NAM joint
26 sessions (C00-20090720-127) was presented from TSG-S as FYI for TSG-C.
 - 27 • Correspondence to TSG-X regarding FMOAHG_MO Parameter Formats (C00-
28 20090720-128) was presented from TSG-S. **ACTION: This contribution was
29 remanded to the CMOAHG for review and action as appropriate.**
 - 30 • Correspondence to 3GPP2 SC Chair regarding Report to SC with Update to
31 Release 6 and SC-level Document Development Schedule (C00-20090720-129)
32 was presented from TSG-S. **ACTION: This contribution was remanded to
33 WG1 for review and action as appropriate.**
 - 34 • Correspondence to all TSGs regarding Work Item Reviews (C00-20090720-130)
35 was presented from TSG-S. **ACTION: This contribution was remanded to all
36 WGs for review and comment with comments to be coordinated by WG1.**

- 1 • TSG-X: No contributions or discussions.
- 2 • TIA: Correspondence to ITU-T SG2 dated 23 July regarding Response to Draft ITU-T
3 Recommendation on Requirements for Land Mobile Alerting Broadcast Capabilities for
4 Civic Purposes from TIA TR45.8 (C00-20090720-131) was liaised from TIA TR45.5.
5 **ACTION: This contribution was remanded to WG1 and WG2 for review and**
6 **comment with comments to be coordinated by WG2.**
- 7 • ITU: No contributions or discussions.
- 8 • CDG: No contributions or discussions.
- 9 • 3GPP: No contributions or discussions.
- 10 • OMA: No contributions or discussions.
- 11 • OTHER: An LS to ITU-T SG2 dated 23 July 2009 regarding Response Liaison to ITU-T
12 SG2 on Administration and allocation of multicast addresses for civic purposes (C00-
13 20090720-122) was presented from GSMA. **ACTION: This contribution was**
14 **remanded to WG1, WG2, and the ITU AdHoc as FYI.**
- 15 15. **OLD BUSINESS (continued):** Proposed correspondence to TSG-X regarding TSG-S
16 correspondence on FEMTO NAM Discussion (C00-20090720-107R1) was presented from the
17 Secretary. **DECISION: This contribution was approved without objection for transmission.**

18 16. **NEW BUSINESS (continued):**

19 17. **FUTURE MEETING SCHEDULE:**

17-21 August 2009	The Westin Harbour Castle in Toronto, ON, Canada
21-25 September 2009	Renaissance Hollywood Hotel in Hollywood, CA, USA
2-5 November 2009	Hyatt Regency Mumbai in Mumbai, India

20 18. **OPEN DISCUSSION AND OTHER BUSINESS: NONE**

21 19. **ASSIGNMENTS:** The open action items, other than standard document remands, are noted
22 below:

23 080825-005 WG3 to update WP5D parameters for radio interfaces appropriate for the new
24 IMT frequency ranges identified at WRC-07 as it was found that Report M.2039 for
25 CDMA MC contained incorrect values and agreed to amend this for a future WP5D
26 meeting. This action was scheduled to be closed at the closing Plenary of the July 2009
27 meeting.

28 090511-003 Regarding the solicitation of a volunteer to serve as the TSG-C document
29 reviewer to review primary requirements for document format and consistency with TIA
30 transposition requirements, WG1 recommends that the review be done by the WG Chair,
31 or an individual appointed by the WG Chair, of the WG that is the source of the
32 document. It is also recommended that check lists be adopted for use for the V&V and
33 publication stages. WG Chairs were requested to consider the WG1 recommendation
34 related to document review and be prepared to discuss at the August 2009 meeting.

1 090511-005 TSG-C companies that host TSG-C conferences were requested to investigate and
2 advise the TSG regarding any collaborative software tools that they may have available.
3 This action was held OPEN until the August 2009 meeting.

4 090615-002 Volunteers interested in serving in the capacity of the ITU AdHoc Chair were
5 requested to contact the TSG-C Chair prior to the August 2009 meeting.

6 20. **ADJOURNMENT:** The Plenary was adjourned on 24 July 2009 at 11:10 AM local time.

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NUMBER	SUBJECT	SOURCE	ACTION
OPENING PLENARY – C00-20090720-			
000	DOCUMENT REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVED R1
002	TSG-C Meeting Summary - June 2009 – Newport Beach, CA, USA	SECRETARY	APPROVED R1
003	TSG-S Document Status Table – June 2009	TSG-S	ALL WGs
004	Correspondence to all TSGs dated 18 June 2009 regarding Work Item Worksheets for Review	TSG-S	WG1 ALL WGs
005	Correspondence to TSG-S dated 19 June 2009 regarding Review Items	TSG-X	WG1
006	Correspondence dated 19 June 2009 regarding ITU-T Q.1742.8	TSG-X	ITU ADHOC
007	E-mail correspondences regarding SC level review and approval of C.R1001-G v1.0 Administration of Parameter Value Assignments for cdma2000 Spread Spectrum Standards - Release G	3GPP2 SECRETARIAT	FYI
008	E-mail correspondences regarding SC level review and approval of C.S0001-E v1.0 through C.S0005-E v1.0 cdma2000 1x	3GPP2 SECRETARIAT	FYI
009	E-mail correspondence dated 22 June 2009 regarding SC level review of C.S0023-D v1.0 Removable User Identity Module for Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI
010	E-mail correspondence dated 22 June 2009 regarding extended V&V review of C.P0065-A v0.9 cdma2000 Application on UICC for Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI

NUMBER	SUBJECT	SOURCE	ACTION
011	E-mail correspondence dated 22 June 2009 regarding V&V review of C.P0073-B v0.9 - Signaling Test Specification for Mobile Station Equipment Identifier (MEID) Support for cdma2000 Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI
012	E-mail correspondence dated 25 June 2009 regarding New TSG-A Chair and Vice Chair Confirmed	3GPP2 SECRETARIAT	FYI
013	E-mail correspondence dated 1 July 2009 regarding SC Action 2009/05-06 - Information related to 2010 Meeting in China	3GPP2 SECRETARIAT	FYI
014	Undated LS to 3GPP2 and ARIB, CCSA, TIA, TTA, TTC regarding status of revision 9 of Recommendations M.1457	ITU-R WP5D	ITU ADHOC
015	Undated LS to External Organizations regarding the schedule for updating Recommendation M.1457 to revision 10	ITU-R WP5D	ITU ADHOC
016	LS dated 26 June 2009 regarding Response LS on LTE-HRPD Interworking	3GPP RAN5	WG4
017	LS dated July 2009 regarding media transport	ISO/IEC JTC1/SC29/WG11	WG1
018	Correspondence dated 3 July 2009 regarding TSG-S Volunteers to Conduct Drafting Sessions on Behalf of the WPD AdHoc	TSG-S	FYI
019	C.P0057-D Band Class Document proposed baseline text	WG3	APPROVED WG3
020	E-mail correspondence dated 14 July 2009 regarding SC level review of Correspondence to the Broadband Forum	3GPP2 SECRETARIAT	FYI
021	Master spread sheet for R&F comments for C.P0057-D Band Class Document	WG3	FYI

NUMBER	SUBJECT	SOURCE	ACTION
022	Document number request for C.P0073-B Signaling Test Specification for Mobile Station Equipment Identifier (MEID) Support for cdma2000 Spread Spectrum Systems	WG4 CHAIR	APPROVED WG1
023	C.S0023-D v1.0 Removable User Identity Module for Spread Spectrum Systems proposed publication replacement text	WG1	APPROVED
024	3GPP2 Workplan files – July 2009	3GPP2 SECRETARIAT	WG1 ALL WGs
025	E-mail correspondence dated 13 July 2009 regarding ESN/UIMID Exhaustion	CDG	FYI
026	E-mail correspondence dated 13 July 2009 regarding Indian regulatory requirement	TATA	WG2 WG1, WG2
027	Undated LS to IMT Advanced Candidate Technology Proponents and the Evaluation Groups regarding updated information on IMT Advanced	ITU-R WP5D	ITU ADHOC
028	Undated LS to External Organizations regarding IMT Parameters for the band 790-862 MHz for use by JTG 5-6	ITU-R WP5D	WG4, ITU ADHOC
029	Undated LS to External Organizations regarding Femtocells/Femto Access Nodes	ITU-R WP5D	ITU ADHOC
030	E-mail correspondence dated 16 July 2009 regarding UPDATE - SDO actions related to M.1457-9	3GPP2 SECRETARIAT	FYI
031	WI proposal for Update of C.S0036 for Position Determination Service standard C.S0022-B	QUALCOMM, ROHDE & SCHWARZ, AND SPIRENT	WG1 WG1, WG4
032	Document number request for Band Class Document (C.P0057-D)	WG3	APPROVED WG1

NUMBER	SUBJECT	SOURCE	ACTION
033	WP5D 5 th meeting results	ITU ADHOC CHAIR	WG4, ITU ADHOC
034	Proposed TSG-X response to LS from TATA regarding EIR, ESN and MEID	CNP	WG2 WG1, WG2
035	Harmonized HRPD Rev. C presentation	WG3	FYI
036	FMOAHG Proposed Management Object Parameter Format Descriptions for TSG-A/C/S/X	TSG-X FMOAHG	ALL WGs
037	Correspondence dated 15 June 2009 regarding 3GPP2 Response to ITU-T SG2 on Land Mobile Alerting Broadcast Capabilities	TSG-X	WG1 WG1, WG2, ITU ADHOC
038	Correspondence to all TSGs dated 20 July 2009 regarding TSG-S correspondence on FEMTO NAM Discussion	TSG-X	FYI
CLOSING PLENARY – C00-20090720-			
101	WG1 Report	WG1	FYI, -A APPROVED
102	WG2 Report	WG2	FYI
103	WG3 Report	WG3	FYI
104	WG4 Report	WG4	FYI
105	ITU AdHoc Report	ITU ADHOC	FYI
106	TSG-C MOAHG	CMOAHG	FYI
107	Proposed correspondence to TSG-X regarding TSG-S correspondence on FEMTO NAM Discussion	SECRETARY	APPROVED R1
108	C.P0057-D Band Class Document proposed V&V text	WG3	APPROVED

NUMBER	SUBJECT	SOURCE	ACTION
109	Master V&V Spreadsheet for C.P0057-D Band Class Document	WG3	FYI
110	TIA Letters of Conveyance for M.1457-9	ITU ADHOC	APPROVED
111	C.P0024-B v2.0 cdma2000 [®] High Rate Packet Data Air Interface Specification extended V&V text	WG2	APPROVED
112	Proposed correspondence to 3GPP SA2, RAN3, and CT4 regarding RTD Delivery	WG2	APPROVED
113	Proposed input to TSG-X regarding response to TATA on EIR issues	WG2	APPROVED
114	Proposed correspondence to TSG-S regarding TSG-C review of 3GPP2 Work Items	WG1	APPROVED
115	Proposed correspondence to TSG-S regarding TSG-C review of SC.P2004-003-0 v0.4 and SC.P2005-003 v0.6	WG1	APPROVED R2
116	Proposed correspondence to TSG-S regarding TSG-C review of S.P0136-0 v1.1 System Requirements for MSC Pool	WG1	APPROVED R1
117	Project Number/Document Number Request - C.P0018-D	WG1	APPROVED
118	C.P0018-D Minimum Performance Specification for the Enhanced Variable Rate Codec, Speech Service Options 3, 68, 70, and 73 for Wideband Spread Spectrum Digital Systems proposed baseline text	WG1	APPROVED
119	C.P0018-D Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, and 73, Minimum Performance Specification (MPS) proposed baseline text	WG1	APPROVED
120	C.P0014-D Software Distribution for Enhanced Variable Rate Codec (EVRC), Speech Service Options 3, 68, 70, and 73, Specification proposed V&V text	WG1	APPROVED
121	Proposed correspondence to the 3GPP2 Secretariat regarding work plan questions	WG1	APPROVED R1

NUMBER	SUBJECT	SOURCE	ACTION
122	LS to ITU-T SG2 dated 23 July 2009 regarding Response Liaison to ITU-T SG2 on Administration and allocation of multicast addresses for civic purposes	GSMA	WG1, WG2, ITU ADHOC
123	E-mail correspondence dated 23 July 2009 regarding SC level review of publication replacement text for C.S0023-D v1.0 Removable User Identity Module for Spread Spectrum Systems	3GPP2 SECRETARIAT	FYI
124	TSG-S Liaison Report – July 2009	TSG-S LIAISON	FYI
125	Correspondence to TIA TR45.8 dated 23 July 2009 announcing V&V of S.P0108-0 v2.0 HRPD – cdma2000 1x Interoperability for Voice and Data SRD until 17 September 2009	TSG-S	FYI
126	Correspondence to GDA/GSMA dated 23 July 2009 regarding IMEI/MEID Allocation Coordination JEM (Joint Expert Meeting)	TSG-S	FYI
127	Correspondence to TSG-X dated 23 July 2009 regarding Femto NAM joint sessions	TSG-S	FYI
128	Correspondence to TSG-X regarding FMOAHG_MO Parameter Formats	TSG-S	CMOAHG
129	Correspondence to 3GPP2 SC Chair regarding Report to SC with Update to Release 6 and SC-level Document Development Schedule	TSG-S	WG1
130	Correspondence to all TSGs regarding Work Item Reviews	TSG-S	WG1 ALL WGs
131	Correspondence to ITU-T SG2 dated 23 July regarding Response to Draft ITU-T Recommendation on Requirements for Land Mobile Alerting Broadcast Capabilities for Civic Purposes from TIA TR45.8	TIA TR45.5	WG2 WG1, WG2, ITU ADHOC

