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Approved by General Counsel

TR-45.5 Meeting Report

Date: 12/5/08

Location: Maui, HI

Approved: 3/20/09

T# 11271

TELECOMMUNICATIONS INDUSTRY ASSOCIATION
Standards and Technology Department
Meeting Summary
SUBCOMMITTEE TR-45.5, SPREAD SPECTRUM DIGITAL TECHNOLOGY
STANDARDS
01-05 December 2008 Maui, HI

During the period of 01-05 December 2008, TIA TR-45.5 meetings were held at the Grande Wailea.

OPENING PLENARY

1. Call to Order: The TR45.5 Plenary was called to order on 01 December 2008, at 8:45 AM local time by the TR45.5 Chair, Orlett W. Pearson.

The Chair referred all attendees to the TIA IPR policy on the TIA website and directed compliance with that policy.

2. Attendance Registration and Introductions. Seventeen (17) companies were present out of 22 active companies and, thus, quorum was achieved (81% participation).

3. Agenda Approval. The meeting agenda TR45.5/08120101 was presented and approved.

4. Chairman's Remarks: None.

5. Approval of Meeting Report(s) of Prior Meeting(s)

The summary of the TR45.5 meeting was approved without objection and submitted as follows:

- Summary of October 2008 Seoul meeting (TR45.5/08120102)

6. Receive, Number, and Assign Contributions. Contributions assigned to agenda items. Contribution 500-08120100 (contribution log) was marked as FYI.

7. Committee Correspondence:

The Sub-Committee received the following correspondence.

- Liaison to EO re: 1580 – 1581 (Source: ITU-R)
- IMT Radio Interface Parameters (Source: ITU-R).

8. Old Business:

- 500- 08120105/A-H, PN-3-0293, TIA-1138 (C.P0087-0). E-UTRAN – HRPD and cdma2000 1x Connectivity and Interworking Air Interface Specification. (Source: TIA)

ACTION: Remanded to WG2 and liaise to TSG-C WG2 for review and action.

- 500-08120106, Comments on PN-3-0272.000-RV1, TIA-1121.000-A (C.S0084.000-A). Overview for Ultra Mobile Broadband (UMB) TDD Air Interface Specification.(Source: TIA).

ACTION: Remanded to WG2 and liaise to TSG-C WG2 for review and action.

- 500-08120107, PN-3-0272.012, TIA-1121.012 (C.P0084.012). Medium Access Control for Ultra Mobile Broadband (UMB) TDD Air Interface Specification.. Source: TIA.

ACTION: Remand to WG2 and liaise to TSG-C WG2 for review and action.

- 500-08120109, PN-3-0215 TIA-1080-1 (C.S0065-0 v2.0) - cdma2000 Application on UICC for Spread Spectrum Systems TIA Source: TIA.

ACTION: Remand to WG1 and liaise to TSG-C WG1 for review and action.

The meeting was recessed on 01 December 2008 at 9:15 AM local time.

CLOSING PLENARY

TR45.5 had two sessions on Friday, December 5. The meeting was reconvened on 05 December 2008, at 8:45 AM local time and then again at 12:45 PM by the TR45.5 Chair, Orlett W. Pearson.

The Chair repeated the TIA IPR statement.

Quorum was established at the opening Plenary and was not challenged for the closing Plenary.

9. Receive, Number, and Assign Contributions. Contributions assigned to agenda items.

10. Working Group Reports:

– WG 1 REPORT

The WG1 Chair, Doug Dunn (Kyocera), provided a verbal report on the status of WG1 activities as noted below:

- 500-08120513, Proposed Ballot text for PN-3-4535-RV2 Position Determination Service for cdma2000 Spread Spectrum Systems (to be published as TIA-801-B) Proposed Action: Approval for 30-day Ballot **DECISION:** Approval 30-day Ballot.

- 500-08120514, Proposed Ballot text for PN-3-4535-RV2 [SF] Position Determination Service for cdma2000 Spread Spectrum Systems Software Distribution (to be published as TIA-801-B [SF]) Proposed Action: Approval for 30-day Ballot. **DECISION:** Approved for a 30-day Ballot.

– WG 2 REPORT

The WG2 Vice-Chair, Ke-Chi Jang, provide a verbal report on the status of WG2 activities as noted:

- 500-08120515, PN Request: PN-3-0217-RV1: TIA-1081-A - Generic Key Exchange Protocol for cdma2000 High Rate packet Data Air Interface. Proposed Action: Approve for 30-day Ballot. **DECISION:** Approved for submission to TIA 30-day Ballot.

- 500-08120516, C.P0084.012, Medium Access Control for Ultra Mobile Broadband (UMB) TDD Air Interface Specification (PN-3-0272.012, TIA-1121.012). **DECISION:** Approved for publication.
- 500-08120517, C.S0084.000-A, Overview for Ultra Mobile Broadband (UMB) TDD Air Interface Specification. (PN-3-0272.000-RV1, TIA-1121.000-A). Proposed Action: Approval for publication. **DECISION:** Approved for Publication.
- **WG 3 REPORT**
Dave Whipple (Agilent) provided a verbal report on the following:
 - 500-08120508, PN-3-0362, TIA-1170. Recommended Minimum Performance Standards for cdma2000 Ultra Mobile Broadband (UMB) Access Network, C.P0088-0 v0.8. **DECISION:** Approved for 30-day Ballot. PN request.
 - 500-08120509, PN-3-0363, TIA-1171. Recommended Minimum Performance Standards for cdma2000 Ultra Mobile Broadband Access Terminal, C.P0089-0 ver 0.8. **DECISION:** Approve for 30-day Ballot. PN requested.
 - 500-08120510, PN-3-0364, TIA-1172. Test Application Specification for cdma2000 Ultra Mobile Broadband Air Interface, C.P0090-0 ver 0.8. **DECISION:** Approved for 30-day Ballot. PN request.
 - 500-08120511, PN-3-0057-RV2 (C.P0038-B ver 0.8) Signaling Conformance Specification for High Rate Packet Data Air Interface. **DECISION:** Approve for 30-day Ballot. Updated PN Request.
 - 500-08120512, PN-3-0365, TIA-1173. . Signaling Test Specification for E-UTRAN – cdma2000 Connectivity and Interworking. PN Request for TSG-C WI 118, 3GPP2 WI 00217. **DECISION:** Approve and submit to TIA for action. PN requested.
 - 500-08120518, PN-3-0272.011, TIA-1121.011 (C.S0084.011). Physical Layer for Ultra Mobile Broadband (UMB) TDD Air Interface Specification. **DECISION:** Approved for publication.
- **ITU AHG**
The ITU AHG Chair, Ron Furgunson, provide a verbal report on the status of ITU activities as noted:
 - 500-08120519, M.1457-9 Updates. TSG-C ITU-R AHG. **DECISION:** Approved for submission to the ITU-R.
 - 500-08120520, M.1580-3 / M.1581-3 Updates. **DECISION:** Approve, but hold until after 01/06/2009. Wait for word from TSG-C Leadership.
 - 500-08120521, Response to Request for Parameters following WRC-07. **DECISION:** Approve for submission to the ITU-R WP5D.
- **CMAS AHG**
 - 500-08120507/A, PN-3-0320, TIA-1149 Commercial Mobile Alert Service (CMAS) over CDMA. **DECISION:** Approved for submission to TIA as 30-day Default Ballot.

11. Liaisons:

- 1 – 500-08120502, ITU-R WP5D Liaison to EO re: PPDR (Source: ITU-R).
2 **ACTION:** Remand to TSG-C. Recommendation to remand to ITU-R AHG and
3 WG3.
- 4 – 500-08120503, ITU-R WP5D Liaison to EO re: BWA. (Source: ITU-R).
5 **ACTION:** Remand to TSG-C. Recommendation to remand to ITU-R AHG and
6 WG3.
- 7 – 500-08120504, ITU-R WP5D Liaison to EO re: M.1801. (Source: ITU-R).
8 **ACTION:** Remand to TSG-C. Recommendation to remand to ITU-R AHG and
9 WG3.
- 10 – 500-08120505/A, Correspondence to TR45.8 re: MDBS. **DECISION:** Approved
11 for transmission to TR458.

12. Old Business:

- 13 – 500-08120501, PN-3-0272.011, TIA-1121.011 (C.S0084.011). Physical Layer
14 for Ultra Mobile Broadband (UMB) TDD Air Interface Specification. **ACTION:**
15 Remand to WG3. Liaise to TSG-C WG3 for review and action
- 16 – 500-08120506, Mobile Device Behavior Specification Document. Source:
17 ATIS/TIA. **DECISION:** Approved. Transmitted to TIA.

13. New Business:

14. Open Discussion: None.

15. Future Meetings

Upcoming meetings are noted.

| | |
|--------------------------|----------------------|
| 16 – 20 February 2009 | Shanghai China |
| 30 March – 02 April 2009 | New Orleans, LA |
| 11 – 15 May 2009 | Vancouver, BC Canada |
| 15 – 19 June 2009 | Newport Beach, CA |

15. Adjournment

Closing Plenary recessed at 9:00 AM and then adjourned on 05 December 2009 at 1:15 PM local time. This meeting was conducted in accordance with the TIA Legal Guide and TIA Engineering Manual.

Respectively Submitted,

Orlett W. Pearson, Chair - TIA TR45.5

TR45.5 SUBCOMMITTEE (CDMA AIR INTERFACE)**Maui, HI, USA****5-Dec-2008**

| | Attendance | Attendance | Consecutive Mtgs Missed (including current mtg) |
|-------------------------------------|------------|------------|----------------------------------------------------------|
| | Opening | Closing | |
| | 12/01/2008 | 12/05/2008 | |
| AGILENT TECHNOLOGIES | 1 | | 0 |
| AIRCELL | 1 | | 0 |
| AIRVANA | | | 1 |
| ALCATEL-LUCENT | 1 | | 0 |
| ALLTEL | | | 1 |
| CDG | | 1 | 0 |
| DOCOMO US LABORATORIES | | | 3 |
| ERICSSON | 1 | | 0 |
| GEMALTO | | | 3 |
| HITACHI | 1 | | 0 |
| KYOCERA TELECOMMUNICATIONS RESEARCH | 1 | | 0 |
| LG INFOCOMM | 1 | | 0 |
| MOBILE SATELLITE VENTURES | | | 3 |
| MOTOROLA | 1 | | 0 |
| NEC | 1 | | 0 |
| NOKIA | | | 3 |
| NOKIA SIEMENS | 1 | | 0 |
| NORTEL NETWORKS | 1 | | 0 |
| QUALCOMM | 1 | | 0 |
| RESEARCH IN MOTION | | | 1 |
| ROHDE & SCHWARTZ | 1 | | 0 |
| SAMSUNG | 1 | | 0 |
| SIERRA WIRELESS | 1 | | 0 |
| SPIRENT COMMUNICATIONS | 1 | | 0 |
| SPRINT/NEXTEL | 1 | | 0 |
| VERIZON WIRELESS | | | 1 |
| VIA TELECOM | 1 | | 0 |
| ZTE | 1 | | 0 |
| TOTALS | 17 | 0 | |
| QUORUM CALCULATION | 81% | 0% | |
| NEW ADDITIONS | | | |
| | | | |
| | | | |
| GUESTS AND OBSERVERS | | | |
| KDDI | 1 | | |
| | | | |
| | | | |
| | | | |

QUORUM STATUS NOTES:

- HIGHLIGHTED ZERO = Must attend 2 consecutive meetings to be added to quorum list
- NON-HIGHLIGHTED ZERO = Will be added to quorum list if they attend the next mtg

- P = Proxy submitted.

* **Assumes attendance at the next meeting**

| Quorum Status This Mtg | Quorum Status Next Mtg* | Quorum Count | Quorum Count |
|---------------------------|----------------------------|--------------|--------------|
| | | Opening | Closing |
| | | 12/01/2008 | 12/05/2008 |
| 1 | 1 | 1 | 0 |
| 1 | 1 | 1 | 0 |
| 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 0 |
| 1 | 1 | 0 | 0 |
| 0 | 1 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 0 |
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| 1 | 1 | 0 | 0 |
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| 1 | 1 | 1 | 0 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 0 |
| 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 0 |
| 1 | 1 | 1 | 0 |
| 21 | 22 | 17 | 0 |
| | | | |