

IEEE 1904 Access Networks Working Group

Sponsored by the IEEE Communications Society

1-3 April 2015
Louisville, CO USA

Minutes

Chair: Glen Kramer
Vice-Chair: Ken-Ichi Suzuki
Executive Secretary: Zhou Zhen
Chief Editor: Marek Hajduczenia
Meeting Recorder: Zhou Zhen

Day 1, Wednesday, 1 April 2015

1. Call to Order

- The meeting was called to order at 9:00 am.
- All present introduced themselves and declared their affiliation.
- A sign in sheet captured attendance each day.
- Quorum was reached.

2. Executive Secretary Report

- Zhou Zhen, Executive Secretary, presented [anwg_1504_exec_report.pdf](#).
- A report on working group member was provided.

3. Chair's Opening Remarks

- Chair Kramer presented ANWG opening remarks [anwg_1504_opening.pdf](#).
- Chair Kramer presented WG updates since February meeting.
- Chair Kramer presented the plan for this meeting.

4. Approval of Agenda

- Chair Kramer presented the agenda, [anwg_1504_agenda.pdf](#).

- **Motion#1:**

Approve the agenda for the April 2015 meeting as presented in [anwg_1504_agenda.pdf](#).

Moved: Marek Hajduczenia, Bright House Networks

Seconded: Zhou Zhen, Fiberhome

(Procedural, required >50%)

Motion passed by voice vote without opposition

5. Approval of Past Meeting Minutes

- Chair Kramer presented [anwg_1502_minutes_unapproved.pdf](#).

- **Motion#2:**

Approve minutes of the February 2015 meeting as recorded in

[anwg_1502_minutes_unapproved.pdf](#).

Post the approved minutes on the WG website as [anwg_1502_minutes_approved.pdf](#).

Moved: Zhou Zhen, Fiberhome

Seconded: Marek Hajduczenia, Bright House Networks

(Procedural, required >50%)

Motion passed by voice vote without opposition

6. IEEE Patent Policy

- Chair Kramer displayed the patent slides. A call for potentially essential patents was made at **9:21 am**. No potentially essential patent claims were declared, and no holders of potentially essential patents were identified.

7. Review of the received liaison statements

- Chair Kramer, presented the liaison from ITU-T SG15 Q1, [anwg_1504_ils184_sg15q1.pdf](#).
- Jouni Korhonen, Chair of P1904.3, presented the liaison from IEEE 802.1, [anwg_1504_ils_8021.pdf](#).
- Jouni Korhonen, Chair of P1904.3, presented the liaison from CPRI, [anwg_1504_ils_cpri.pdf](#).
- After discussion, WG decided there was no need to send response to all three liaisons.

8. Logistics for June 2015 meeting

- Chair Kramer, presented the Hosting Proposal for June 2015 meeting for Huang Jinri, [anwg_1504_huang_1.pdf](#).

9. Revision & Maintenance TF Opening Report

- Curits Knittle, Chair of RMTF, gave RMTF opening report.
- Chair Kramer, showed Revision & Maintenance Task Force webpage's structure.

10. Resolution of 1904.1 Maintenance Requests

- Marek Hajduczenia, Chief Editor, presented all maintenance requests for IEEE 1904.1-2013, [rmtf_1904_1_2013_maint_reqs.xlsm](#).
- After discussion, 47 maintenance requests were resolved.

11. 1904.2 (Task Force 2) Opening Report

- Lu Yang, Chair of 1904.2, presented the 1904.2 Opening Report, [tf2_1504_opening.pdf](#).

12. UMT architectures

- Glen Kramer, Broadcom Corporation, presented a new version of Typical UMT architectures, [tf2_1504_kramer_1.pdf](#).
- Glen Kramer, Broadcom Corporation, presented UMT architectures for Raziel Gabe, [tf2_1504_gabe_1a.pdf](#).

The WG recessed at 5:25pm.

Day 2, Thursday, 2 April 2015

The WG reconvened at 9:08am.

13. Resolution of 1904.1 Maintenance Requests

- Marek Hajduczenia, Chief Editor, presented the new version of maintenance request 20140915_1736, [rmtf_1410_hajduczenia_5a.docx](#).

14. Unaware Intermediate Node Attributes

- Yuan Liquan, ZTE Corporation, presented Unaware Intermediate Node Attributes, [tf2_1504_yuan_1.pdf](#).

15. Frame Transformation Diagram

- Glen Kramer, Broadcom Corporation, presented Frame Transformation Diagram, [tf2_1504_kramer_2.pdf](#).

16. Address Flow Scenarios

- Mark Laubach, Broadcom Corporation, presented Address Flow Scenarios and Scenario 1: UMT over PON network only, Distinguish IP TR-069 with router traversal, [tf2_1504_laubach_1.pdf](#) and [tf2_1504_laubach_2.pdf](#).

17. IEEE 1904.2 PAR Discussion

- Hesham Elbakoury, Huawei Technologies, presented IEEE 1904.2 PAR Discussion, [tf2_1504_elbakoury_1.pdf](#).
- **Motion#3:**
Suspend the activities of 1904.2 TF until a clear stakeholder is identified and requirements are clarified, but for a period not exceeding 12 months.
Consider refining the PAR title and scope as show in [tf2_1504_elbakoury_1.pdf](#) upon resumption of 1904.2 activities.
Moved: Mark Laubach, Broadcom Corp.
Seconded: Curits Knittle, Cablabs
(Required >= 2/3)
7 yes, 0 no, 0 abstained (7 voting members present)

18. 1904.3 (Task Force 3) Opening Report

- Jouni Korhonen, Chair of 1904.3, presented the 1904.3 Opening Report, [tf3_1504_opening.pdf](#).
- **Motion#4:**
Approve the timeline for 1904.3 as presented in [tf3_1504_opening.pdf](#) slide 5.
Moved: Jouni Korhonen, Broadcom Corp.
Seconded: Yuan Liquan, ZTE Corporation
(Procedural, required > 50%)
Motion passed by voice vote without opposition

19. IEEE P1904.3 standard skeleton

- Jouni Korhonen, Broadcom Corporation, presented IEEE 1904.3 standard skeleton, [tf3_1504_korhonen_1.pdf](#).

20. IEEE P1904.3 header format

- Jouni Korhonen, Broadcom Corporation, presented IEEE P1904.3 header format, [tf3_1504_korhonen_2.pdf](#).

The WG recessed at 6:08pm.

Day 3, Friday, 3 April 2015

The WG reconvened at 9:10am.

21. Revision & Maintenance TF Closing Report

- Curits Knittle, Chair of RMTF, gave RMTF closing report.

22. Task Force 2 Closing Report

- Lu Yang, Task Force 2 Chair, presented Task Force 2 Closing Report, [tf2_1504_closing.pdf](#).

23. Task Force 3 Closing Report

- Jouni Korhonen, Task Force 3 Chair, presented Task Force 3 Closing Report, [tf3_1504_closing.pdf](#).

24. WG Closing Report

- Chair Kramer presented the WG Closing Report, [anwg_1504_closing.pdf](#).
- WG planned to have next meeting in June at Beijing, China.

25. Unfinished Business

- No unfinished business was brought before the WG.

26. New Business

- No new business was brought before the WG.

- **Motion#5:**

Move to adjourn the meeting.

Moved: Kevin Bross, Intel Corp.

Seconded: Curits Knittle, Cablelabs

Motion passed by voice vote without opposition.

The WG adjourned at 9:55am.

Attendance Record

| Last Name | First Name | Affiliation | Attendance | | |
|----------------|------------|------------------------|----------------------------|---------------------------|-------------------------|
| | | | Wednesday April 1, 2015 | Thursday April 2, 2015 | Friday April 3, 2015 |
| Ashwood-Smith* | Peter | Huawei | | X | |
| Bross | Kevin | Intel Corp. | | X | X |
| Elbakoury | Hesham | Huawei | X | X | |
| Hajduczenia | Marek | Bright House Networks | X | X | |
| Korhonen | Jouni | Broadcom Corp. | X | X | X |
| Knittle | Curtis | CableLabs | X | X | X |
| Kramer | Glen | Broadcom Corp. | X | X | X |
| Laubach | Mark | Broadcom Corp. | X | X | X |
| Yang | Lu | RITT | X | X | X |
| Steve | Burroughs | Cablelabs | X | X | |
| Suzuki | Ken-Ichi | NTT Corporation | X | X | X |
| Liquan | Yuan | ZTE Corporation | X | X | X |
| Zhen | Zhou | Fiberhome Technologies | X | X | X |

* The meeting attendance threshold was not met. The meeting attendance is only credited for those who attended at least 50% of meeting duration.