

IEEE 1904 Access Networks Working Group

Sponsored by the IEEE Communications Society

19-20 August 2015

Teleconference

Minutes

Chair: Glen Kramer

Vice-Chair: Ken-Ichi Suzuki

Executive Secretary: Zhou Zhen

Chief Editor: Marek Hajduczenia

Meeting Recorder: Zhou Zhen

Session 1: Revision and Maintenance TF, 19 August 2015

1. Call to Order

- The meeting was called to order at 7:00 am.
- Chair Kramer recorded all the attendance of session 1.
- Quorum was reached.

2. Chair's Opening Remarks

- Chair Kramer presented ANWG opening remarks [anwg_1508_opening.pdf](#).
- Chair Kramer presented WG updates since June meeting.
- Chair Kramer presented the plan for this meeting.

3. Approval of Agenda

- Chair Kramer presented the agenda, [anwg_1508_agenda.pdf](#).

- **Motion#1:**

Approve the agenda for the August 2015 meeting as presented in [anwg_1508_agenda.pdf](#).

Moved: Jouni Korhonen, Broadcom Corp.

Seconded: Kevin Bross, Intel

(Procedural, required >50%)

Motion passed by voice vote without opposition

4. Approval of Past Meeting Minutes

- Chair Kramer presented [anwg_1506_minutes_unapproved.pdf](#).

- **Motion#2:**

Approve minutes of the April 2015 meeting as recorded in [anwg_1506_minutes_unapproved.pdf](#).

Post the approved minutes on the WG website as [anwg_1506_minutes_approved.pdf](#).

Moved: Jouni Korhonen, Broadcom Corp.

Seconded: Zhou Zhen, Fiberhome.

(Procedural, required >50%)

Motion passed by voice vote without opposition

5. IEEE Patent Policy

- Chair Kramer displayed the patent slides. A call for potentially essential patents was made at **7:25 am**. No potentially essential patent claims were declared, and no holders of potentially essential patents were identified.

6. Logistics for October 2015 meeting

- Kevin Bross, Intel Corporation, presented Logistics for October 2015 meeting, [anwg_1510_mtg_info.pdf](#).

7. Review of the received liaison statements

- Chair Kramer presented the liaison from ITU-T SG15 Q1, [anwg_1508_ils127_sg9q13.pdf](#).
- The liaison provided for information, no need to reply.

8. Revision & Maintenance Task Force Opening Report

- Curtis Knittle, Revision & Maintenance Task Force Chair, presented the Task Force Opening Report, [rmtf_1508_opening.pdf](#).

9. Resolution of open maintenance requests

- Marek Hajduczenia, Revision & Maintenance Task Force Editor, presented open maintenance requests, [rmtf_1508_mrdb_1904_1_20150814_open.pdf](#).
- Most open maintenance requests were resolved after discussion.

10. PON Protection Holdover Timers for Package A

- Mike Emmendorfer, Arris, presented PON Protection Holdover Timers for Package A, [rmtf_1508_emmendorfer_1.pdf](#).

The WG recessed at 10:00am.

Session 2: Revision and Maintenance TF, 19 August 2015

11. Call to Order

- The meeting was called to order at 6:00 pm.
- Chair Kramer recorded all the attendance of session 2.
- Quorum was reached.

12. PON Protection Holdover Timers for Package A (continue)

- Mike Emmendorfer, Arris, presented PON Protection Holdover Timers for Package A, [rmtf_1508_emmendorfer_1.pdf](#).

- **Motion#3:**

Move to increase the upper bound of aOnuConfigHoldoverPeriod.sHoldOverPeriod sub-attribute for Package A from 1 second to 2.5 seconds.

Moved: Mike Emmendorfer, Arris

Seconded: Curtis Knittle, CableLabs

(Technical, Required $\geq 2/3$) (yes/[yes+no])

1 yes, 3 no, 4 abstained

Motion failed.

13. Revision & Maintenance Task Force Closing Report

- Curtis Knittle, Revision & Maintenance Task Force Chair, presented the Task Force Closing Report, [rmtf_1508_closing.pdf](#).

- **Motion#4:**
 Authorize the Editor to incorporate the approved maintenance request resolution material from the August 2015 meeting as recorded in [rmtf_1508_mrdb_1904_1_20150819.pdf](#) and produce draft D0.1
 Moved: Curtis Knittle, CableLabs
 Seconded: Marek Hajduczenia, Bright House Networks
 (Technical, Required $\geq 2/3$)
 8 yes, 0 no, 0 abstained

The WG recessed at 7:10pm.

Session 3: P1904.3 TF, 20 August 2015

14. Call to Order

- The meeting was called to order at 7:00 am.
- Chair Kramer recorded all the attendance of session 3.
- Quorum was reached.

15. Executive Secretary Report

- Zhou Zhen, Executive Secretary, presented [anwg_1508_exec_report.pdf](#).
- An update on working group membership was provided.

16. P1904.3 (Task Force 3) Opening Report

- Jouni Korhonen, Task Force 3 Chair, presented the Task Force Opening Report, [tf3_1508_opening.pdf](#).

17. ORI Overview

- Richard Maiden, Altera, presented ORI Overview, [tf3_1508_maiden_ORI_overview_1.pdf](#).

18. RoE Flow Identifier clarifications

- Jouni Korhonen, Broadcom Corporation, presented RoE Flow Identifier clarifications, [tf3_1508_korhonen_flow_id_1.pdf](#).

- **Motion#5:**

RoE header flow_id number space is between an SA-DA pair as described in [tf3_1508_korhonen_flow_id_1.pdf](#) page 2.

Moved: Jouni Korhonen, Broadcom Corp.

Seconded: Kevin Bross, Intel

(Technical, Required $\geq 2/3$)

8 yes, 0 no, 1 abstained

- **Motion#6:**

RoE header flow_id defines a single flow or a group of flows as described in [tf3_1508_korhonen_flow_id_1.pdf](#) page 3.

Moved: Jouni Korhonen, Broadcom Corp.

Seconded: Kevin Bross, Intel

(Technical, Required $\geq 2/3$)

8 yes, 0 no, 1 abstained

- **Motion#7:**
RoE header flow_id interpretation for control packets depend on the control packet (sub)type as described in [tf3_1508_korhonen_flow_id_1.pdf](#) page 4.
Moved: Jouni Korhonen, Broadcom Corp.
Seconded: Raz Gabe, PMC Sierra
(Technical, Required >=2/3)
yes, no, abstained
Motion was withdrawn.

19. RoE security considerations

- Jouni Korhonen, Broadcom Corporation, presented RoE security considerations, [tf3_1508_korhonen_sec_conclusions_5.pdf](#).

20. Silence suppression for 1904.3

- Raz Gabe, PMC Sierra, presented Silence suppression for 1904.3, [tf3_1508_gabe_silence_suppression_RoE_1.pdf](#).

The WG recessed at 10:00am.

Session 4: P1904.3 TF, 20 August 2015

21. Call to Order

- The meeting was called to order at 6:00 pm.
- Chair Kramer recorded all the attendance of session 4.
- Quorum was reached.

22. RoE Control Packet formats

- Jouni Korhonen, Broadcom Corporation, presented RoE Control Packet formats, [tf3_1508_korhonen_ctrl_pkt_fmt_2.pdf](#).
- **Motion#8:**
Approve the use of the Control sub-type at the beginning of the payload portion of the RoE Control packet as described in [tf3_1508_korhonen_ctrl_pkt_fmt_2.pdf](#) page 2.
Moved: Jouni Korhonen, Broadcom Corp.
Seconded: Kevin Bross, Intel
(Technical, Required >=2/3)
6 yes, 0 no, 0 abstained

23. RoE configuration parameters

- Jouni Korhonen, Broadcom Corporation, presented RoE configuration parameters, [tf3_1508_korhonen_roe_configuration_parameters_6b.pdf](#).

24. RoE CPRI "better" mapper

- Jouni Korhonen, Broadcom Corporation, presented RoE CPRI "better" mapper, [tf3_1508_korhonen_cpri_better_mapper_3a.pdf](#).

- **Motion#9:**
Accept solution listed in [tf3_1508_korhonen_cpri_better_mapper_3a.pdf](#) pages 3-6 as a baseline for a “better” CPRI mapper.
Moved: Jouni Korhonen, Broadcom Corp.
Seconded: Kevin Bross, Intel
(Technical, Required \geq 2/3)
6 yes, 0 no, 0 abstained

25. RoE link startup procedures

- Jouni Korhonen, Broadcom Corporation, presented RoE link startup procedures, [tf3_1508_korhonen_start_up_nego_4.pdf](#).
- **Motion#10:**
Accept the start-up procedure described in [tf3_1508_korhonen_start_up_nego_4.pdf](#) pages 4-5 as a starting point.
Moved: Jouni Korhonen, Broadcom Corp.
Seconded: Kevin Bross, Intel
(Technical, Required \geq 2/3)
5 yes, 0 no, 0 abstained
6 voting members were present during the vote (< 50%)
- **Motion#11:**
Accept the dynamic discovery procedure and control message types described in [tf3_1508_korhonen_start_up_nego_4.pdf](#) pages 7-10 as a starting point.
Moved: Jouni Korhonen, Broadcom Corp.
Seconded:
(Technical, Required \geq 2/3)
yes, no, abstained
Motion died for the lack of seconder

26. Task Force 3 Closing Report

- Jouni Korhonen, Task Force 3 Chair, presented Task Force 3 Closing Report, [tf3_1508_closing.pdf](#).

27. WG Closing Report

- Chair Kramer presented the WG Closing Report, [anwg_1508_closing.pdf](#).
- WG planned to have next meeting in October.

28. Unfinished Business

- No unfinished business was brought before the WG.

29. New Business

- No new business was brought before the WG.

- **Motion#12:**
Move to adjourn the meeting.
Moved: Jouni Korhonen, Broadcom Corp.
Seconded: Kevin Bross, Intel Corp.
Motion passed by voice vote without opposition.

The WG adjourned at 9:00pm.

Attendance Record

Last Name	First Name	Affiliation	Attendance			
			Session1	Session2	Session3	Session4
Bajwa	Yasser	Hon Hai Technology Group	x	x	x	x
Bjørnstad	Steinar	Transpacket			x	x
Bross	Kevin	Intel Corp.	x		x	x
Checko*	Aleksandra	MTI Radiocomp			x	
Chen	Binrong	Hon Hai Technology Group	x	x	x	x
Cockburn*	Duncan	Xilinx			x	
Devi	Sriram	Intel Corp.	x		x	x
Edwards	Gareth	Xilinx	x		x	x
Elbakoury	Hesham	Huawei	x	x	x	x
Emmendorfer	Mike	Arris	x	x		
Gabe	Raz	PMC Sierra	x	x	x	
Gomes*	Nathan	Univesity of Kent			x	
Hajduczenia	Marek	Bright House Networks	x	x	x	
He	Zongying	Broadcom Corp.			x	x
Jinri*	Huang	CMRI				x
Knittle	Curtis	CableLabs	x	x	x	x
Korhonen	Jouni	Broadcom Corp.	x	x	x	x
Kramer	Glen	Broadcom Corp.	x	x	x	x
Krasniqi*	Xhafer	NEC			x	
Laubach	Mark	Broadcom Corp.	x	x	x	x
Li	Bomin	Comcores			x	x
Liew	Peter	Altera			x	x
Lu	Yang	RITT	x		x	
Ma	Shijia	CMRI	x			x
Maiden	Richard	Altera	x		x	x
Pieh	Jane	Foxcom			x	x
Sehier*	Philippe	Alcatel-Lucent			x	
Suzuki	Ken-Ichi	NTT Corporation	x	x	x	x
Tam	Tony	Fujitsu Network Communication	x		x	x
Tse	Richard	PMC Sierra			x	x
Xu*	Lei	Altera				x
Zhou	Zhen	Fiberhome Technologies	x	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.