IEEE 1914 NGFI

P1914.1 TF Bi-weekly Meeting

Chair: Bomin Li, Comcores ApS

Editor: Jouni Korhonen, Broadcom

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Ground rules

- No audio recording, No video recording, and No photography

- No job recruiting

- No product pitches

- No corporate pitches

- No prices

- No restrictive notices

- Attendance of the press should be announced

Participants, Patents, and Duty to Inform

All participants in this meeting have certain obligations under the IEEE-SA Patent Policy.

- Participants [Note: Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2]:
  - "Shall inform the IEEE (or cause the IEEE to be informed)" of the identity of each "holder of any potential Essential Patent Claims of which they are personally aware" if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
  - "Should inform the IEEE (or cause the IEEE to be informed)" of the identity of "any other holders of potential Essential Patent Claims" (that is, third parties that are not affiliated with the participant, with the participant's employer, or with anyone else that the participant is from or otherwise represents)
- The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group
- Early identification of holders of potential Essential Patent Claims is strongly encouraged
- No duty to perform a patent search

IEEE STANDARDS ASSOCIATION

◈IEEE

Patent Related Links

All participants should be familiar with their obligations under the IEEE-SA Policies & Procedures for standards development.

Patent Policy is stated in these sources:

IEEE-SA Standards Boards Bylaws

http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6

IEEE-SA Standards Board Operations Manual

http://standards.ieee.org/develop/policies/opman/sect6.html#6.3

Material about the patent policy is available at

http://standards.ieee.org/about/sasb/patcom/materials.html

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit
http://standards.ieee.org/about/sasb/patcom/index.html

This slide set is available at
https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt

Call for Potentially Essential Patents

- If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance:

  - Either speak up now or
  - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible or
  - Cause an LOA to be submitted

Other Guidelines for IEEE WG Meetings

- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**

  - **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**

  - **Don't discuss specific license rates, terms, or conditions.**

    - Relative costs, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.

      - Technical considerations remain primary focus

  - **Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.**

  - **Don't discuss the status or substance of ongoing or threatened litigation.**

  - **Don't be silent if inappropriate topics are discussed … do formally object.**

  See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy" for more details.

Agenda

- Summary of January f2f meeting

- Review of motions

- Presentation on RoE demo

- Presentation from AT&T on architecture considerations

- Review of AIs

Summary of January f2f meeting

- 8 submissions presented and discussed

- 3 motion passed

- To produce draft 0.2 after the meeting

- Make a list of AIs

Review of Motions

Motion #2

• Once concluded, communicate requirements on Class 2 to

802.1CM, based on NGFI transport classes definition

• Mover: Aleksandra Checko

• Seconder: Jinri Huang

• Yes: _11_ No: _0_ Abstain: _1_ (technical motion needs >= 2/3)

(Chair did not vote, motion passed)

Review of Motions

Motion #3

- Agree to add an OAM section to the IEEE 1914.1 standard using as a basis the content specified on page 1 in tf1_1701_bruckman_oam-motion_2.pdf.

- Mover: Leon Bruckman

- Seconder: Abdellah Tazi

- Yes: _11__ No: _1__ Abstain: _0__ (technical motion needs >= 2/3)

(Chair did not vote, motion passed)

Review of Motions

Motion #4

- Adopt architecture in Slide 9, tf1_1701_cai-tazi_architecture-

considerations_2.pdf as a reference model to the high level logical
  NGFI architure for service flow development and subsequently a
  starting point to defining NGFI interfaces.

• Mover: Abdellah Tazi

• Seconder: Tony Tam

• Yes: _12_ No: _0_ Abstain: _0_ (technical motion needs >= 2/3

)

(Chair did not vote, motion passed)

Presentation on RoE demo

❑ Submission to .3 TF in January f2f meeting

❑ Title "Feasiblity of Radio over Ethernet-demonstration with time synch"

http://sites.ieee.org/sagroups-1914/files/2017/01/tf1_1701_Kim_Feasibility-of-RoE_1.pdf

❑ Not presented

❑ Inputs from the authors: The next version of proto-type RoE boards will come out next month. The authors might be able to present modified test values at the next f2f meetings or via conference calls in a couple of months after some tests.

❑ Feedback from the audience?

Presentation on architecture considerations

❑ Follow-up work from AT&T

Open AIs

❑ Follow-up work on architecture considerations – Tazi/Lujing

❑ Follow-up work on OAM – Leon

❑ Follow-up work on network slicing – Tony

❑ Follow-up work on throughput analysis – Alexandra

❑ Study of synchronization – Richard Tse

❑ Study of delay&jitter – Tazi/Lujing

❑ Study of data plane – Bomin

❑ Draft v0.2 - Jouni

Q&A