IEEE P802.11  
Wireless LANs

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| TGbi Teleconference Minutes January 31th 2024 | | | | |
| Date: 2024-02-01 | | | | |
| Author(s): | | | | |
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Abstract

This document contains the minutes for the IEEE 802.11bi task group meetings that took place Wednesday January 31th.

Note: Highlighted text are action items.

Q – proceeds a question

A - proceeds an answer

C - proceeds a comment

Yellow highlight - action point

**Chair: Carol Ansley, Cox Communications**

**Secretary: Stéphane Baron**

**Vice-chairs: Jerome Henry, Cisco; Stephen McCann, Huawei**

**Technical editor: Po-Kai Huang, Intel**

Chair calls meeting to order at 10:01 ET.

Agenda slide deck: [11-24-0226r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0226-01-00bi-tgbi-telecon-jan-feb-agenda.pptx):

1. Reminder to do attendance
2. Review of policies and procedures.
   1. IEEE individual process slides were presented.
3. The chair mentioned the call for essential patents
   1. No one responded to the call for essential patents but there is a comment.
4. The chair covered the IEEE copyright policy and participation rules.
   1. Questions

No Questions

1. **Discussion of agenda 11-24-0226r1 (slide #14)**
   1. Discussion on agenda

A document 0222r1 that is the result of merging doc 11-23/0079r2 and 11-23/2098r3 is added to the agenda according to a request sent to the reflector before the meeting.

* 1. Adoption of agenda by unanimous consent (23 participants).

1. **Administrative**
   1. Upcoming Telecon times

* Thursday Feb. 08th
* Thursday Feb. 15th
* Wednesday Feb. 28th
* ~~Wednesday~~ Thursday Mar. 7th

Discussion: Correction of the day of the week of Mar 7th from Wednesday to Thursday.

1. **Technical presentations**
   1. [Draft P802.11bi\_01.pdf](https://www.ieee802.org/11/private/Draft_Standards/11bi/Draft%20P802.11bi_D0.1.pdf) presentation by Po-kai.

Technical editor indicates that TGbi D0.1 is now available in the 802.11 private area in the TGbi section.

Technical editor briefly goes thru the doc to explain temporary tags and color codes used.

Members are invited to review it.

* 1. [11-24/0229r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0229-00-00bi-edp-subclause-outline-proposal.docx) – EDP Subclause Outline Proposal – Carol Ansley

Document listing the outlines for addition in the D0.1 for the EDP part.

Based on 11-23/2098 document.

* + 1. Discussion

Q: Obfuscation is not needed if we use anonymization

A: just to be balanced since we already used those terms.

Q: Should we separate epoch operations?

A: I’ve used the document 2098 as reference, but if the group agreed we could add a new section.

Q: I also think we need to add another section, so what is the goal for that document?

A: The goal is to have an outline structure in the document. So, the goal is to have a motion on the document.

C: So, then we have to be careful, and I agree to separate the EDP Epoch and Frame Anonymization.

Q: Is this only for CPE and only for MLO?

A: I think so.

C: I believe this is after association so for MLD.

C: For BPE and CPE, I think Phil’s doc is for CPE only and Stephane’s doc is more general.

C: In this structure everything is merged CPE/ BPE. We should split it.

C: Regarding the separation of the Epoch, I understand that AP initiated is group Epoch and STA initiated is individual right?

A: Yes

C: I think this document is a good starting point.

C: I think that we should indicated periodic or one-shot epoch for those AP or STA initiated. I think periodic Epoch have less overhead.

C: I think this separation should be part of the signaling.

* 1. [11-24/0222r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0222-01-00bi-frame-anonymization-and-edp-epoch-operation.docx) – Frame Anonymization and EDP Epoch operation – Phil Hawkes

Document resulting from the merge of doc 11-24/0079r2 and 11-24/0298r4.

Presented by Duncan Ho.

* + 1. Discussion

Q: What means “frame belonging to an MLD”, can you clarify

A: Those are frames transmitted by an MLD, we can change that.

Q: Do we also have inactive EDP epochs?

A: Yes, when a sequence of Epoch is defined only one is active at the current time while all the others are inactive. We can precise that later on.

C: I think we do not need the concept of inactive epoch, the epoch just ended

A: This concept was required to differentiate from retiring Epochs that are needed during the transition period. Since we removed that part for now, I understand that the definition of active epoch seems useless.

Q: About the TIM: I don’t see the point of this TIM can we remove it? A: ok.

Q: If there is only one defined Epoch and a set of associated setting at any given time, then it is just the Epoch.

A: Yes, it can change in the future but that should be clear in the text.

C: We can move 10.y in 10.x.2 to merge and match with Carol’s outline proposal.

A: Since for the moment EDP epoch just handle frame anonymization, I think this is ok.

Q: Can we have “one shot” and “periodic” and then “group” or “individual” ?

A: Yes, to me those concepts are orthogonal. So, let add a generic sentence in introduction to explicit that.

Q: I think we are reaching a good consensus now so we should work to provide more content in the D0.1 than just outline.

C: I Think it would be much easier to build on top of the 11-23/0222 document than just the outline.

C: I think some starting point may be put in and motioned as a starting point. It is much better than having nothing. So, I am also in favor of having that in the draft.

C: The more material we will put in, the more comment we can collect and have good progress.

Q: Can we move Epoch operation under frame anonymization paragraph?

A: OK. Let’s write instruction to the editor the move 10.y under the 10.x.2 paragraph. 10.y will then become 10.x.2.y.

Author create an new revision (r2) based on online modifications and post it before the motion#39 is moved.

A motion to integrate this document in the D0.1 is then requested by the chair.

**Motion#39 initial text**: The Technical Editor is instructed to add to Draft 0.1 the following submission:

11-24-0222r2

**Discussion on the motion text:**

Q: Can you add a note indicating the fact that the editorial things mentioned in the chat will be added before inclusion.

A: Ok, the editorial elements provided in the chat will be taken int account.

Corresponding note is added to the motion text.

C: A motion should not indicate that things will happen in the future, but if this is a note this is OK.

Then chair request a motion on this document.

**Motion # 39**:

“The Technical Editor is instructed to add to Draft 0.1 the following submission: 11-24-0222r2”

Note: The secretary to include in the minutes that the expectation is that additional editorial clarifications and corrections will be done before a release for comment collection.

”

**Moved** by Duncan Ho

**Seconded** by Stephane Baron

Chair ask for unanimous consent.

Some members request to abstain.

Motion#39 is then run:

**Motion #39 result**: 10 Yes / 3 No / 9 Abstain / 4 No answer: motion#39 passes.

It is then acknowledged that the editorial clarifications and corrections will be done before a release for comment collection.

One member indicated he faced technical issue and couldn’t vote in favor of this motion, but since the motion’s vote was closed, this additional vote is not taken into account in the final result.

1. **AoB**
   1. No other business.
2. Chair adjourned the meeting at 10:48 EDT.

**Attendance**

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| |  |  |  |  | | --- | --- | --- | --- | | Breakout | Timestamp | Name | Affiliation | | TGbi | 1/31 | Ansley, Carol | Cox Communications Inc. | | TGbi | 1/31 | baron, stephane | Canon Research Centre France | | TGbi | 1/31 | DeLaOlivaDelgado, Antonio | InterDigital, Inc. | | TGbi | 1/31 | Fujimori, Yuki | Canon Research Centre France | | TGbi | 1/31 | Hawkes, Philip | Qualcomm Incorporated | | TGbi | 1/31 | Henry, Jerome | Cisco Systems, Inc. | | TGbi | 1/31 | Ho, Duncan | Qualcomm Incorporated | | TGbi | 1/31 | Huang, Po-Kai | Intel | | TGbi | 1/31 | Kneckt, Jarkko | Apple Inc. | | TGbi | 1/31 | Levy, Joseph | InterDigital, Inc. | | TGbi | 1/31 | Li, Weiyi | Spreadtrum Communication USA, Inc | | TGbi | 1/31 | Lorgeoux, Mikael | Canon Research Centre France | | TGbi | 1/31 | Malinen, Jouni | Qualcomm Technologies, Inc | | TGbi | 1/31 | McCann, Stephen | Huawei Technologies Co., Ltd | | TGbi | 1/31 | Mutgan, Okan | Nokia | | TGbi | 1/31 | Nezou, Patrice | Canon Research Centre France | | TGbi | 1/31 | Patwardhan, Gaurav | Hewlett Packard Enterprise | | TGbi | 1/31 | RISON, Mark | Samsung Cambridge Solution Centre | | TGbi | 1/31 | Sevin, Julien | Canon Research Centre France | | TGbi | 1/31 | Smith, Graham | SRT Wireless | | TGbi | 1/31 | Smith, Luther | Cable Television Laboratories Inc. (CableLabs) | | TGbi | 1/31 | Thakore, Darshak | Cable Television Laboratories Inc. (CableLabs) | | TGbi | 1/31 | Yee, Peter | NSA-CSD | | TGbi | 1/31 | Zhong, Ke | Ruijie Networks Co., Ltd. | |  |  |  |