IEEE P802.11  
Wireless LANs

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| TGbi Teleconference Minutes September 04th 2024 | | | | |
| Date: 2024-09-05 | | | | |
| Author(s): | | | | |
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Abstract

This document contains the minutes for the IEEE 802.11bi task group meetings that took place Wednesday September 04th.

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; Antonio DeLaOlivaDelgado, InterDigital, Inc**

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

Chair calls meeting to order at 10:01 ET.

Agenda slide deck: [11-24-1354r8](https://mentor.ieee.org/802.11/dcn/24/11-24-1354-08-00bi-tgbi-telecon-july-august-agenda.pptx):

1. Reminder to do attendance
2. The chair mentioned the call for essential patents

No answers.

1. Review of policies and procedures.

IEEE individual process slides were presented.

1. The chair covered the IEEE copyright policy and participation rules.

No Questions

1. **Discussion of agenda 11-24-1354r8 (slide #14)**
   1. Discussion on agenda

Phil indicates is document (11-24/1304)is now in r3

* 1. Adoption of agenda by unanimous consent (15 participants).
  2. General discussion

Q: I see some document with SP that covers parts where other CIDs applies. Do we consider those part of the document are completed?

A: We go CIDs per CIDs and if other modification occurs, we will change it.

Q: OK, but in that case can we consider we can motion these modifications?

A: You can still propose modifications afterwards.

A: I agree that we may have some modification that have to be merged. It is a work in progress.

C: I was just concerned to say “yes” to something that may change in the future.

A: Agree this is not an issue, we di not have a D1.0 we are still defining the first draft.

1. **Administrative**
   1. Upcoming HI Interim Meetings:

Planned session:

Monday (PM2)

Tuesday (PM1) – Carol Ansley (24/1511r0, 24/796r1)

Tuesday (PM2, AM2 requested)

Wednesday (PM2, AM requested)

Thursday (PM2)

Chair indicated she requested change of session timeslots but no response yet.

Chair also indicated that Thursday PM2 is not assigned to a room yet so we may have issue for this one.

Tech editor requested to SP 5CIDs that were forgotten in a previous document SP.

Jarko indicated he has two contributions preferable to be presented early in the week Monday or Tuesday.

First document about optimization of the parameter’s computation, and second about BSS privacy.

Stephane will present a revision of the 1162r1 on Wednesday if ready after offline discussion.

Po-kai has one submission for the beginning of the week.

Phil indicated 2 contributions, by preference one on Monday and the second on Thursday.

Antonio indicating 1 potential contribution by preference in the morning, Tuesday AM2.

Julien indicated 1 submission for Tuesday AM2

1. **Technical contributions**
   1. [11-24/1304r3](https://mentor.ieee.org/802.11/dcn/24/11-24-1304-03-00bi-establishing-frame-anonymization-parameter-sets-text-for-11bi.docx) – Establishing frame anonymization parameter sets text for 11bi: Phil Hawks

New revision presentation including a single call of the KDF function as requested in previous presentation.

Discussion:

Q: KDF is a key derivation function why do not use pseudo random generation?

A: This is the one that seems to receive preference from other members.

C: From my side I prefer to have component that exists.

C: I think GTn may not be a possible reference, because this may be different per link

C: I still think the reference time is just a counter that is equal to a GT0 + n time the duration of the Epoch.

C: I think we need to have an Epoch index that is much easier to use an maintain rather than a time.

Q: You do not indicate about time priority management, but there is no capability bit for it. So, you don’t know if other side use it or not. Maybe SNS3 is needed.

A: OK, thank you.

C: (chat) if you like to improve the submission, there could be a high-level figure to discuss the bit allocations to PN, SN, MAC Address level first. Then follow the detailed tables.

A: Agree, we can do that.

C: This clause assumes that station are applying privacy enhancement right? But we do not repeat it.

A: Yes, but I am not sure we need to repeat since this is in the CPE dedicated part.

A: OK, let’s keep the text as it is.

C: Regarding the transition period, I agree with what you indicated here but we will end up with a dedicated clause for the transition period handling, and we may have to move text and references in a next step.

A: OK, sounds a good plan.

CID 1008.

C: I prefer to use modulo here that solves the problem without adding a value.

A: OK, so let’s reject the comment indicating the use modulo.

Author will take into account the comment and try to present during next F2F potentially at the end of the week to allow offline work.

* 1. [11-24/1291r2](https://mentor.ieee.org/802.11/dcn/24/11-24-1291-02-00bi-ota-collision-warning-fixes.docx) : OTA Collision Warning fixes ; Jerome Henry

Quick presentation of the already presented document to straw poll the 5 CIDs forgotten in the original SP.

**StrawPoll#1 Initial text**:

Approve the following comment resolutions from doc 24/1291r2: 1362, 1363, 1364, 1365, 1366

**Discussion on SP#1 text:**

No discussion

**SP#1 result:** unanimous consent.

* 1. [11-24/1429r1](https://mentor.ieee.org/802.11/dcn/24/11-24-1429-01-00bi-cids-for-clause-9-4-2-338.docx) : CIDs for clause 9.4.2.338: Ugo Campiglio

Second presentation of the document by Jerome Henry.

Mainly editorial modification, and restructuring of the Epoch duration signaling.

* + 1. Discussion

C: (Editor) You have different CIDs with different resolutions. So, I will directly go to the synthesis at the end.

A: Yes, we have several comments coming on the same parts, and a resolution for each.

But at the end of the document, I indicate the final result with the resolutions of all the CIDs.

C: I think the minimum epoch duration should be defined as a non-element. But we can SP this like that and define that after.

Q: When do we have a new version for the draft ?

A: (tech editor) currently latest version is D0.5. D0.6 will be generated after September including the motion text agreed at the end of the F2F.

C: We have a lot of comments (more than 200) on those few pages of text, so we cannot solve all the comments in a single document.

**StrawPoll#2 Initial text**:

Approve the following comment resolutions from doc 24/1429r1: 1054, 1078, 1105, 1269, 1270, 1271

**Discussion on SP#2 text:**

No discussion

**SP#2 result:** unanimous consent.

* 1. [11-24/1418r2](https://mentor.ieee.org/802.11/dcn/24/11-24-1418-02-00bi-clause-9-4-2-337-cids.docx) : Clause 9.4.2.337 CIDs: Jerome Henry

Second document presentation by Jerome.

* + 1. Discussion

C: I think this is important to decide what are the needs for epoch duration and then we can decide the required bits.

A: I agree

Q: Here the epoch duration is on 11 bits and is used for the computation of the start time right, so we have to accommodate to the number of bits of the final result. For instance, TSF is using a much larger number of nits.

A: I agree, we will take that into account during the computation description.

Q: Do you want to have a separated field for the minimum epoch pacing?

A: yes

C: So, I think you should remove it from this document since this is addressed in another document.

Author prepare r3 accordingly and request a SP for the r3

**StrawPoll#3 Initial text**:

Approve the following comment resolutions from doc 24/1418r3: 1236, 1087, 1099, 1053, 1056, 1159, 1238, 1239, 1100, 1237, 1072, 1240, 1241, 1262, 1261, 1098, 1102, 1048, 1123, 1243, 1101, 1263, 1264, 1000, 1258, 1027

**Discussion on SP#3 text:**

No discussion

**SP#3 result:** unanimous consent.

1. **AoB**

No other business.

1. Chair adjourned the meeting at 12:00 EDT

**Attendance**

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| --- | --- | --- | --- |
| Breakout | Timestamp | Name | Affiliation |
| TGbi | 2024-09-04 | Yee, Peter | NSA-CSD |
| TGbi | 2024-09-04 | Nezou, Patrice | Canon Research Centre France |
| TGbi | 2024-09-04 | Smith, Luther | Cable Television Laboratories Inc. (CableLabs) |
| TGbi | 2024-09-04 | Henry, Jerome | Cisco Systems, Inc. |
| TGbi | 2024-09-04 | baron, stephane | Canon Research Centre France |
| TGbi | 2024-09-04 | Sevin, Julien | Canon Research Centre France |
| TGbi | 2024-09-04 | Hawkes, Philip | Qualcomm Incorporated |
| TGbi | 2024-09-04 | DeLaOlivaDelgado, Antonio | InterDigital, Inc. |
| TGbi | 2024-09-04 | Huang, Po-Kai | Intel |
| TGbi | 2024-09-04 | Zhong, Ke | Ruijie Networks Co., Ltd. |
| TGbi | 2024-09-04 | Zhou, Lei | H3C Technologies Co., Limited |
| TGbi | 2024-09-04 | Ansley, Carol | Cox Communications Inc. |
| TGbi | 2024-09-04 | Mutgan, Okan | Nokia |
| TGbi | 2024-09-04 | McCann, Stephen | Huawei Technologies Co., Ltd |