IEEE P802.11  
Wireless LANs

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| TGbe D0.1 Spec Text Volunteers and Status | | | | | |
| Date: 2020-07-02 | | | | | |
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Abstract

This document contains a table with the spec text volunteers and status updates for TGbe D0.1.

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Removed selected rows that had no motions (~~removal~~)
* Rev 2: Updated with received requests after the call for volunteers, incorporating modifications suggested by members to the subdivision of the topics.

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| **Layer** | **SFD Topic** | **POC** | **TTT** | **Status** | **Notes** |
| PHY | Introduction to the EHT PHY | Bin Tian | Bo Sun |  |  |
| PHY | Scope and EHT PHY functions |  | Bo Sun |  |  |
| PHY | TXVECTOR and RXVECTOR parameters |  | Bo Sun |  |  |
| PHY | Support for non-HT, HT, VHT, and HE formats |  | Bo Sun |  |  |
| PHY | Subcarriers and Resource Allocation- Wideband and noncontiguous spectrum utilization |  | Eunsung Park, Yan Xin, Wook Bong Lee, Bin Tian, Bo Sun |  |  |
| PHY | Subcarriers and Resource Allocation-Support for large bandwidth |  | Dandan Liang, Bin Tian, Bo Sun |  |  |
| PHY | Subcarriers and Resource Allocation -Single RU |  | Shimi Shilo, Bin Tian, Bo Sun |  |  |
| PHY | Subcarriers and Resource Allocation -Multiple RU | Oded Redlich,  Jianhan Liu | Eunsung Park, Bin Tian, Srinath Puducheri, Bo Sun, |  |  |
| PHY | MU MIMO |  | Sameer Vermani, Bo Sun |  |  |
| PHY | EHT PPDU formats |  | Bo Sun |  |  |
| PHY | Transmitter block diagram |  | Bo Sun |  |  |
| PHY | Overview of the PPDU encoding process |  | Bo Sun |  |  |
| PHY | EHT Modulation and coding schemes (EHT-MCSs) |  | Bo Sun |  |  |
| PHY | Timing-related parameters | Bin Tian | Bo Sun |  |  |
| PHY | Mathematical description of signals |  | Bo Sun |  |  |
| PHY | EHT preamble-L-STF, L-LTF, L-SIG, and RL-SIG | Dongguk Lim | Eunsung Park, Bo Sun |  |  |
| PHY | EHT preamble-U-SIG | Sameer Vermani | Ross Yu, Bo Sun, Lei Huang, Wook Bong Lee, Rui Cao, Bo Sun |  |  |
| PHY | EHT preamble-EHT-SIG | Ross Yu, Dongguk Lim | Lei Huang, Rui Cao, Bo Sun |  |  |
| PHY | EHT preamble-EHT-STF | Eunsung Park | Dandan Liang, Bo Sun |  |  |
| PHY | EHT preamble-EHT-LTF | Dandan Liang,  Jinyoung Chun | Bo Sun |  |  |
| PHY | EHT preamble-Preamble puncture |  | Oded Redlich, Wook Bong Lee, Bo Sun |  |  |
| PHY | Data field-Scrambler | Chenchen Liu | Bo Sun |  |  |
| PHY | Coding |  | Bo Sun |  |  |
| PHY | Data field-Segment Parser | Jianhan Liu | Tianyu Wu, Bo Sun |  |  |
| PHY | Resource unit-Interleaving for RUs and aggregated RUs | Junghoon Suh, Jianhan Liu | Tianyu Wu, Bo Sun |  |  |
| PHY | Pilot | Jinyoung Chun | Bo Sun |  |  |
| PHY | OFDM Modulation | Sigurd Schelstraete | Shimi Shilo, Bo Sun |  |  |
| PHY | Packet extension |  | Bo Sun |  |  |
| PHY | Beamforming | Genadiy Tsodik, Wook Bong Lee | Sameer Vermani, Bo Sun |  |  |
| PHY | EHT sounding NDP | Sameer Vermani | Bo Sun |  |  |
| PHY | Transmit specification |  | Bo Sun |  |  |
| PHY | Receive specification |  | Bo Sun |  |  |
| PHY | EHT transmit procedure |  | Bo Sun |  |  |
| PHY | EHT receive procedure |  | Bo Sun |  |  |
| PHY | Channel numbering |  | Bo Sun |  |  |
| PHY | Regulatory requirements |  | Bo Sun |  |  |
| PHY | Timing-related parameters |  | Bo Sun |  |  |
| PHY | Mathematical description of signals |  | Bo Sun |  |  |
| PHY | EHT PLME |  | Bo Sun |  |  |
| PHY | Parameters for EHT-MCSs |  | Bo Sun |  |  |
|  | | | | | |
| MAC | General | George Cherian | Dibakar Das, Jarkko Kneckt, Yunbo Li, BARON Stephane,  VIGER Pascal, Akhmetov Dmitry, NEZOU Patrice |  |  |
| MAC | EHT Operation Element | Liwen Chu, Guogang Huang | Po-kai Huang, Insun Jang, George Cherian |  |  |
| MAC | EHT BSS Operation | Liwen Chu,  Guogang Huang | Po-kai Huang, Insun Jang |  |  |
| MAC | TXOP | Kaiying Lu, Yanjun Sun | Das, Dibakar, Jarkko Kneckt, Yunbo Li, Jeongki Kim, Akhmetov Dmitry, Liuming Lu, Greg Geonjung Ko |  |  |
| MAC | Priority access support for NS/EP services | Subir Das | Leif Wilhelmsson |  |  |
| MAC | Wideband and noncontiguous spectrum utilization | Young Hoon Kwon, Yanjun Sun | Kaiying Lu, Jarkko Kneckt |  |  |
| MAC | MLO-General | Young Hoon Kwon, Po-kai Huang, Yonggang Fang | Abhishek Patil, Dibakar Das, Kaiying Lu, Jarkko Kneckt, Yunbo Li, VIGER Pascal, Zhou Lan, Ryuichi Hirata, Sanghyun Kim, Xiaofei Wang |  |  |
| MAC | MLO-Multi-link setup: Procedure | Po-kai Huang,  Insun Jang, Duncan Ho,  Yonggang Fang | Liwen Chu, Abhishek Patil,  Dibakar Das, Yongho Seok, Jarkko Kneckt, Guogang Huang, Rojan Chitrakar, Chenhe Ji, Yonggang Fang, Jason Yuchen Guo, Xiaofei Wang |  |  |
| MAC | MLO-Multi-link setup: Security | Po-kai Huang,  Insun Jang,  Duncan Ho,  Yonggang Fang | Liwen Chu, Abhishek Patil, Dibakar Das, Yongho Seok, Jarkko Kneckt, Guogang Huang, Rojan Chitrakar, Chenhe Ji, Yonggang Fang, Yong Liu, Jason Yuchen Guo, Xiaofei Wang |  |  |
| MAC | MLO-TID mapping/Link Management: Default Mode and Enablement | Laurent Cariou,  Yongho Seok,  Matthew Fischer | Young Hoon Kwon, Abhishek Patil, Jarkko Kneckt, Insun Jang,  Namyeong Kim, Chenhe Ji, Sharan Naribole, Cheng Chen, Chunyu Hu, Greg Geonjung Ko, Payam Torab |  |  |
| MAC | MLO-TID mapping/Link Management: TID to Link Mapping | Laurent Cariou,  Yongho Seok,  Matthew Fischer | Young Hoon Kwon, Abhishek Patil, Jarkko Kneckt, Insun Jang,  Namyeong Kim, Chenhe Ji, Sharan Naribole, Cheng Chen, Chunyu Hu, Greg Geonjung Ko, Payam Torab |  |  |
| MAC | MLO-Multi-link block ack: Procedure | Liwen Chu,  Abhishek Patil | Po-kai Huang, Kaiying Lu, Jarkko Kneckt, Tomo Adachi, Rojan Chitrakar, Arik Klein, Taewon Song, Zhou Lan, Ryuichi Hirata, Yusuke Tanaka, Xiaofei Wang, Sebastian Max |  |  |
| MAC | MLO-Multi-link block ack: sharing and extension of SN space | Liwen Chu,  Abhishek Patil, | Po-kai Huang, Kaiying Lu, Jarkko Kneckt, Tomo Adachi, Rojan Chitrakar, Arik Klein, Taewon Song, Zhou Lan, Ryuichi Hirata Yusuke Tanaka, Xiaofei Wang, Sebastian Max |  |  |
| MAC | MLO-Power save: Traffic Indication | Minyoung Park, Abhishek Patil,  Jeongki Kim | Laurent Cariou, Young Hoon Kwon, Yongho Seok, Jarkko Kneckt, Rojan Chitrakar, Namyeong Kim, Sharan Naribole,  Matthew Fischer, PEYUSH Agarwal, Jay Yang, Jason Yuchen Guo, Xiaofei Wang |  |  |
| MAC | MLO-Power save: Power state indication, other procedures | Minyoung Park,  Abhishek Patil, Jeongki Kim, Ming Gan | Laurent Cariou, Young Hoon Kwon, Yongho Seok, Jarkko Kneckt, Rojan Chitrakar, Namyeong Kim, Sharan Naribole,  Matthew Fischer, PEYUSH Agarwal, Jay Yang, Jason Yuchen Guo, Jason Yuchen Guo, Xiaofei Wang |  |  |
| MAC | MLO-Multi-link group addressed data delivery | Kaiying Lu,  Ming Gan,  Duncan Ho | Po-kai Huang, Jarkko Kneckt |  |  |
| MAC | MLO-Multi-link channel access: End PPDU Alignment | Yongho Seok, Yunbo Li,  Insun Jang,  Matthew Fischer, Duncan Ho | Minyoung Park, Liwen Chu,  Dibakar Das, Jarkko Kneckt, Chunyu Hu, Tomo Adachi, Jeongki Kim, NEZOU Patrice, Sharan Naribole, Yonggang Fang, Zhou Lan, Akhmetov Dmitry, PEYUSH Agarwal, Liuming Lu, Ryuichi Hirata, Sanghyun Kim, Xin Zuo, Sebastian Max |  |  |
| MAC | MLO-Multi-link channel access: Synch Start of PPDU | Yongho Seok, Yunbo Li,  Insun Jang,  Matthew Fischer,  Duncan Ho | Minyoung Park, Liwen Chu,  Dibakar Das, Jarkko Kneckt, Chunyu Hu, Tomo Adachi, Jeongki Kim, NEZOU Patrice, Sharan Naribole, Yonggang Fang, Zhou Lan, Akhmetov Dmitry, PEYUSH Agarwal, Liuming Lu, Ryuichi Hirata Sanghyun Kim,  Xin Zuo, Sebastian Max |  |  |
| MAC | MLO-Multi-link channel access: Blindness | Yongho Seok, Yunbo Li,  Insun Jang,  Matthew Fischer Duncan Ho | Minyoung Park, Liwen Chu,  Dibakar Das, Jarkko Kneckt, Chunyu Hu, Tomo Adachi, Jeongki Kim, NEZOU Patrice, Sharan Naribole, Yonggang Fang Zhou Lan, Akhmetov Dmitry, PEYUSH Agarwal, Liuming Lu, Ryuichi Hirata Sanghyun Kim, Xin Zuo, Sebastian Max |  |  |
| MAC | MLO-Discovery: Discovery procedures and RNR | Laurent Cariou,  Ming Gan | Liwen Chu, Jarkko Kneckt, Namyeong Kim, Cheng Chen, Rojan Chitrakar, Abhishek Patil |  |  |
| MAC | MLO-Discovery: ML element | Laurent Cariou, Abhishek Patil,  Ming Gan, | Liwen Chu, Jarkko Kneckt, Namyeong Kim, Cheng Chen, Rojan Chitrakar |  |  |
| MAC | MLO-Discovery: Multi-BSSID discovery | Laurent Cariou, Abhishek Patil,  Ming Gan | Liwen Chu, Jarkko Kneckt, Namyeong Kim, Cheng Chen, Rojan Chitrakar |  |  |
| MAC | MLO-Multi-BSSID Operation | Abhishek Patil | Laurent Cariou, Liwen Chu, Jarkko Kneckt, Insun Jang,  VIGER Pascal, Pooya Monajemi, Rojan Chitrakar Xin Zuo |  |  |
| MAC | MLO-Retransmissions | Rojan Chitrakar |  |  |  |
| MAC | Multi-band and multichannel aggregation and operation General | Duncan Ho | Minyoung Park, Jarkko Kneckt, Tomo Adachi, Payam Torab, Stephen McCann |  |  |
| MAC | Spatial stream and MIMO protocol enhancement-General | Wook Bong Lee | Minyoung Park, Yanjun Sun, Stephen McCann |  |  |
| MAC | Spatial stream and MIMO protocol enhancement-16 spatial stream operation | Wook Bong Lee | Junghoon Suh, Yanjun Sun |  |  |
| MAC | MAP-Setup/General | Taewon Song  Chen Cheng George Cherian | Guogang Huang, Kosuke Aio, VIGER Pascal, Yonggang Fang, Jay Yang, Yusuke Tanaka, Oren Kedem, Xiaofei Wang, Stephen McCann |  |  |
| MAC | MAP-Channel sounding |  | Junghoon Suh, Lei Huang, Kosuke Aio, Stephen McCann |  |  |
| MAC | MAP-Coordinated transmission | Jason Yuchen Guo, George Cherian | Rojan Chitrakar, Arik Klein, Kosuke Aio, BARON Stephane, VIGER Pascal, NEZOU Patrice, Thomas Handte, Matthew Fischer, Chunyu Hu, Xiaofei Wang, Chen Cheng, Stephen McCann |  |  |
| MAC | MAP-Other Multi-AP coordination schemes | Jason Yuchen Guo | Kosuke Aio, Stephen McCann |  |  |
| MAC | Quality of Service for latency sensitive traffic\* | Chunyu Hu, Frank Hsu, Dave Cavalcanti, Duncan Ho, | Dibakar Das, BARON Stephane, VIGER Pascal, NEZOU Patrice, Thomas Handte, Sharan Naribole, Subir Das, Akhmetov Dmitry, Liuming Lu, Akira Kishida, Mohamed Abouelseoud, Orem Kedem, Xin Zuo, Chittabrata Ghosh, Payam Torab, Leif Wilhelmsson, Sebastian Max |  |  |

## Guideline-Spec Text Drafting for TGbe D0.1

* The Chair will call for volunteers for writing spec text for D0.1 of IEEE802.11be. D0.1 is expected to cover topics that are part of Release 1.
  + Any member can volunteer for this task and will be included in the respective topic task team (TTT).
  + Topic classification will be based on the TGbe SFD subclause (assuming there is at least one motions for that subclause).
  + Re-organizations and/or re-classifications may be requested of the TGbe editor if there are structural inconsistencies.
* For each subclause/topic a member will be assigned to be the point of contact (POC).
  + Any member can volunteer to be the POC for a given subclause/topic, however it is recommended that the POC is familiar with the technical details (e.g., has contributed to the TGbe SFD on that topic). Additionally, the POC should have experience in spec text writing.
  + If more than one member volunteers to be a POC for a topic then a quick discussion on the next conf call (to which that topic falls) will be entertained to select the POC.
* POCs responsibilities are as follows:
  + Prepare main skeleton (and spec text for the topic) of the subclauses pertaining to that topic and upload the base document to the mentor website,
    - For ease of identification, all draft text documents to begin with "PDT-" for "Proposed Draft Text, and the topic classification (MAC/PHY/JOINT)" (e.g. 11-20-0999-00be-PDT-MAC-MLO-Power-Save).
  + Start a thread in the TGbe reflector for that topic, which is the point of reference for having discussions and exchanging feedback with other members.
    - Again, for ease of identification, the thread should start with [PDT-MAC/PHY/JOINT]
  + Assign tasks to other volunteering members (e.g., assign portions of spec text in dependent subclauses) that are part of that topic task team (TTT),
  + Merge spec text provided by other members of the TTT into the base document,
  + Ensure that there is no conflict between spec texts provided by members of that TTT.
  + Should ensure that all the concepts for that topic that are present in the TGbe SFD are covered by spec text being developed in the TTT.
* If there is a conflict for a concept within that topic then any member can bring the subject to any of the scheduled conference calls to seek guidance from the TGbe group.
  + Guidance can be in the form of technical feedback, narrowing down options via straw polls.
  + This accelerated path (for spec text discussions) is dedicated to essential components for the functionality or completeness of that feature.
* When the spec text for a particular subclause/topic is ready then the POC should request the respective chairs (MAC/PHY/JOINT) to run a SP for including the prepared spec text to the D0.1 of 11be.
  + The document that is planned to be ran should be posted in the server for at least 7 days prior to running the SP.
  + If the SP is approved then the TGbe editor will include the spec text to the draft, otherwise the spec text will not be included in its current form.
  + The deadline for completing this task is set for **September 1st 2020** (EOD ET).
  + Note: Figures should be provided to the editor in visio format (monochromatic).
* The TGbe editor will then start preparing D0.1. Expectation is for draft D0.1 to be ready in 2 weeks. The draft will then be scheduled for a motion on the subsequent Joint conference call (expected to have Joint conf call on **Wednesday 16th** of September 2020).