IEEE P802.11  
Wireless LANs

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| TGbn D0.1 Spec Text Volunteers and Status | | | | | |
| Date: 2024-10-15 | | | | | |
| Author(s): | | | | | |
| Name | Affiliation | Address | Phone | email |
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| Alfred Asterjadhi | Qualcomm Inc. | 5775 Morehouse Dr, San Diego, CA 92109 | +1-858-658-5302 | aasterja@qti.qualcomm.com |
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Abstract

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

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Adding more volunteers until 10:30pm ET Oct 15, 2024
* Rev 2: Adding more volunteers until 11:50pm ET Oct 16, 2024

# Suggestions

1. If there are multiple POC volunteers for one topic, try to save time, please:
   1. Send an email to Alfred and Ross if you want to change from PoC to TTT.
   2. POC volunteers exchange emails in advance, subdivide the big topic (e.g., power save) into several subtopics, and take the PoC of each subtopic.
2. For topics with no SFD support, try to get SFD support first.

# MAC Subclauses

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| **SFD Topic** | **POC (in alphabetical order of family name)** | **TTT** | **Notes** |
| Roaming | Giovanni Chisci, Binita Gupta, Duncan Ho, Guogang Huang, Po-Kai Huang, Mike Montemurro, Jay Yang, Yelin Yoon | Liwen Chu, Xiangxin Gu, Xiandong Dong, Tuncer Baykas, Gaurav Patwardhan, Ning Gao, Pei Zhou Frank Hsu Xuwen Zhao Juseong Moon, Ronny Yongho Kim, John Wullert, Tuncer Baykas, Manasi Ekkundi, Jarkko Kneckt, Pooya Monajemi, Insun Jang, Fangxin Xu, SunHee Baek, Ryuichi Hirata, Thomas Handte, Liangxiao Xiao, Liuming Lu, Yunpeng Yang, Arik Klein, Zisheng Wang, Prabodh Varshney, Liubogoshchev, Yun Li, Thomas Derham, Abhishek Chaturvedi, Hang Yang, Alfred Asterjadhi, Subir Das, Abhishek Patil, Peshal Nayak, Zhenpeng Shi, Massinissa Lalam, Julien Sevin,Yuki Fujimori |  |
| Power Save | SunHee Baek (AP Power save, low/high capability), Laurent Cariou (cross link), Liwen Chu (low/high capability), Ming Gan (STA), Jason Yuchen Guo (cross link), Binita Gupta (AP Power save), Sherief Helwa, Guogang Huang (AP Power save) , Liuming Lu (Client power save), GeonHwan Kim (low/high capability), Neel Krishnan，Morteza Mehrnoush (cross link) | Xiandong Dong, Yajun Cheng, Shawn Kim, Hank Hyeonjun Sung, Zhanjing Bao, Yingqiao Quan, Vishnu Ratnam, Gaurav Patwardhan, Chaoming Luo, Ning Gao, Juseong Moon, Ronny Yongho Kim, Gwangho Lee, Arik Klein, Jiayi Zhang, Qing Xia, Manasi Ekkundi, Yuxin Lu, Frank Hsu, Binita Gupta, Kaiying Lu, Muhammad Kumail Haider, Jeongki Kim. Chittabrata Ghosh, Hanqing Lou, Suhwook Kim, GeonHwan Kim, Hongwon Lee, Fangxin Xu, SunHee Baek, Jaheon Gu, Liangxiao Xiao, Liuming Lu, Shuang Fan, Bo Cao, Yurong Qian, Zisheng Wang, Shubhodeep Adhikari, Rocco Di Taranto, Yongsen Ma, Shuyu Shi, Jinho Choi, Yan Li, Alfred Asterjadhi, Yurong Qian, Yanchao Xu, Jason Yuchen Guo, Ming Gan, Maolin Zhang, Hui Che, Massinissa Lalam, Mickael Lorgeoux, Julien Sevin | Low/high capability  Cross-link  AP Power save |
| NPCA | Laurent Cariou, Dongju Cha, Matthew Fischer, Yunbo Li, Gaurang Naik, Yue Zhao | Liwen Chu, Morteza Mehrnoush, Gaurang Naik, Xiandong Dong, Shawn Kim, Jerome Gu, Yingqiao Quan, Vishnu Ratnam, Mahmoud Hasabelnaby, Chaoming Luo, Ning Gao Yuxin Lu Pascal Viger Juseong Moon Ronny Yongho Kim Patrice Nezou, Arik Klein John Wullert Aniruddh Kabbinale Serhat Erkucuk, Binita Gupta, Reza Hedayat, Kaiying Lu, Jeongki Kim, Jay Yang, Seongho Byeon, Hanqing Lou, Mahmoud Kamel, Atsushi Shirakawa, Suhwook Kim, Suhwook Jang, Hongwon Lee, Fangxin Xu, Thomas Handte, Liangxiao Xiao, Liuming Lu, Shuang Fan, Qisheng Huang, Yurong Qian, Zisheng Wang, Eda Genc, Salvatore Talarico, Charlie Pettersson, Shuyu Shi, Jungjun Kim, Yan Li, Alfred Asterjadhi, Yanchao Xu, Zhenpeng Shi, Yue Zhao, Maolin Zhang, Yunbo Li, Hui Che, Lyutianyang Zhang, Mickael Lorgeoux,Yuki Fujimori |  |
| Buffer status report | Frank Hsu | Pei Zhou Pascal Viger Gwangho Lee, Suhwook Kim, Akira Kishida, Liangxiao Xiao, Abdel Ajami, Alfred Asterjadhi, Peshal Nayak, Zhenpeng Shi, Maolin Zhang, Binita Gupta |  |
| Multi-AP Cooridnation Framework | Giovanni Chisci, GeonHwan Kim, Arik Klein, Xiaofei Wang, Jay Yang, Pei Zhou | Shawn Kim, Jerome Gu, Gaurav Patwardhan Pascal Viger Gwangho Lee Patrice Nezou John Wullert Jiayi Zhang, Yanjun Sun, Binita Gupta, Kaiying Lu, Insun Jang, Yelin Yoon, SunHee Baek, Gaius Wee, Yaoshen Cui, Yusuke Tanaka, Liuming Lu, Yunpeng Yang, Dana Ciochina, Leif Wilhelmsson, Taeyoung Ha, Kosuke Aio, Tong Bian, Minotani Jun, Abhishek Chaturvedi, Alfred Asterjadhi, Peshal Nayak, Abhishek Patil, Jonghoe Koo, Kaikai Huang, Lyutianyang Zhang, Massinissa Lalam, Rishabh Roy, Brian Hart | NOTE—Names in BLUE: PoC request received after the deadline. |
| Coordinated spatial reuse | Jason Yuchen Guo, GeonHwan Kim, Liuming Lu (for P2P), Kaiying Lu | Alice Chen, Sameer Vermani, Insik Jung, Hank Hyeonjun Sung, Rui Yang, Yuxin Lu, Brian Hart, Yue Qi, Insun Jang, Yaoshen Cui, Yusuke Tanaka, Liuming Lu, Yanchun Li, Yurong Qian, Daniel Verenzuela, Yun Li, Leif Wilhelmsson, Yongho Seok, Kosuke Aio, Minotani Jun, Anand Jee, Alfred Asterjadhi, Kaiying Lu, Kaiying Lu, Wei Dong, Jason Yuchen Guo, Hui Che, Lyutianyang Zhang, Gaurav Patwardhan, Yanjun Sun |  |
| Coordinated beamforming | George Cherian, Jason Yuchen Guo, Yanchun Li, Ron Porat, Shimi Shilo, Sameer Vermani | Alice Chen, Insik Jung, Pei Zhou, Arik Klein, Leonardo Lanante, Kaiying Lu, Mahmoud Kamel, Tianyu, Fangxin Xu, Qinglai Liu, Yaoshen Cui, Yusuke Tanaka, Genadiy Tsodik, Qisheng Huang, Daniel Verenzuela, Dana Ciochina, Yongho Seok, Sindhu Verma, Okan Mutgan, Kosuke Aio, Anand Jee, Alfred Asterjadhi, Abhishek Patil, Aiguo Yan, Sherief Helwa, You-wei Chen, Wei Dong, Jason Yuchen Guo, Hui Che, Juan Fang, Lyutianyang Zhang, Yanjun Sun, Zigui Yang | Include both PHY and MAC |
| C-TDMA | Ming Gan, Yunbo Li, Sanket Kalamkar, GeonHwan Kim, Samat Shabdanov, Xiaofei Wang | Liwen Chu, Yajun Cheng, Shawn Kim, Chaoming Luo, Pei Zhou Yuxin Lu Pascal Viger Juseong Moon Ronny Yongho Kim Gwangho Lee Patrice Nezou, Arik Klein Serhat Erkucuk Brian Hart, Binita Gupta, Si-Chan Noh, Muhammad Kumail Haider, Jeongki Kim, Yue Qi, Insun Jang, Fangxin Xu, Gaius Wee, Liuming Lu, Yanchun Li, Klaus Doppler, Yurong Qian, Zisheng Wang, Eda Genc, Li Quan, Inaki Val Beitia, Dana Ciochina, Yongho Seok, Okan Mutgan, Shuyu Shi, Taeyoung Ha, Tong Bian, Jungjun Kim, Alfred Asterjadhi, Abhishek Patil, Samat Shabdanov, Ming Gan, Yunbo Li, Hui Che, Gaurav Patwardhan, Yanjun Sun |  |
| Co-RTWT | SunHee Baek, Giovanni Chisci, Jason Yuchen Guo, Muhammad Kumail Haider, Yunbo Li, Liuming Lu, Rubayet Shafin, Xiaofei Wang | Liwen Chu, Xiangxin Gu, Yajun Cheng, Shawn Kim, , Zhanjing Bao, Yingqiao Quan, Jiyang Bai Yuxin Lu Frank Hsu Pascal Viger Gwangho Lee Patrice Nezou, Qing Xia Brian Hart, Binita Gupta, Muhammad Kumail Haider, Jeongki Kim, Hanqing Lou, Insun Jang, Gaius Wee, Liuming Lu, Yanchun Li, Qisheng Huang, Yurong Qian, Li Quan, Salvatore Talarico, Yun Li, Inaki Val Beitia, Yongho Seok, Shuyu Shi, Sangho Seo, Kerstin Johnsson, Alfred Asterjadhi, Abhishek Patil, Jason Yuchen Guo, Yunbo Li, Hui Che, Jonghoe Koo, Gaurav Patwardhan, Rishabh Roy, Laurent Cariou, Yanjun Sun |  |
| In-Device Coexistence | Laurent Cariou, Jason Yuchen Guo, Guogang Huang, Hongwon Lee, Sherief Helwa | Liwen Chu, Xiangxin Gu, Shawn Kim, Hank Hyeonjun Sung, Yingqiao Quan, Pei Zhou Frank Hsu Pascal Viger Juseong Moon, Ronny Yongho Kim, Brian Hart, Manasi Ekkundi, Binita Gupta, Muhammad Kumail Haider, Qi Wang, Jeongki Kim, Jay Yang, Seongho Byeon, Hanqing Lou, Insun Jang, GeonHwan Kim, Dongju Cha, Fangxin Xu, Jaheon Gu, Liuming Lu, Shuang Fan, Tong Xiao, Abdel Ajami, Kaikai Huang, Shubhodeep Adhikari, Yongsen Ma, Sangho Seo, Alfred Asterjadhi, Peshal Nayak, Yanchao Xu, Jason Yuchen Guo, Zhenpeng Shi, Maolin Zhang, Kaikai Huang, Lyutianyang Zhang, Po-Kai Huang, Yajun Cheng |  |
| TWT SP management | Muhammad Kumail Haider, Yunbo Li, Yue Zhao | Zhanjing Bao Pascal Viger Gwangho Lee, Seongho Byeon, SunHee Baek, Thomas Handte, Alfred Asterjadhi, Abhishek Patil, Yue Zhao, Yunbo Li, Jonghoe Koo, Laurent Cariou, Brian Hart, Yajun Cheng |  |
| Control (ICF/ICR) | SunHee Baek, Liwen Chu, Ming Gan Hongwon Lee, Yunbo Li, Kaiying Lu, Abhishek Patil, Yue Zhao | Hank Hyeonjun Sung, Zhanjing Bao, Vishnu Ratnam, Mahmoud Hasabelnaby, Juseong Moon Ronny, Yongho Kim, Hanqing Lou, Suhwook Kim, Insun Jang, GeonHwan Kim, Dongju Cha, SunHee Baek, Liuming Lu, Dana Ciochina, Abdel Ajami, Binita Gupta, Sindhu Verma, Sangho Seo, Hang Yang, Alfred Asterjadhi, Sherief Helwa, Yanchao Xu, Ming Gan, Zhenpeng Shi, Yue Zhao, Maolin Zhang, Yunbo Li, Laurent Cariou, Yanjun Sun, Po-Kai Huang, Brian Hart | Includes I-FCS design for ICF. |
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| MLME SAP (Clause 6) | Osama Aboul-Magd, Yan Li | Alfred Asterjadhi, Brian Hart (MAPC) , Binita Gupta (roaming, L4S) | The following topics either follow previous standard or has no SFD support. |
| Introduction to UHR MAC | George Cherian, Yunbo Li, Mike Montemurro | Alfred Asterjadhi, Yunbo Li, Laurent Cariou, Brian Hart (MAPC) , Binita Gupta, Insun Jang |  |
| PICS (Annex B) | Edward Au | Alfred Asterjadhi |  |
| Security | Nehru Bhandaru (roaming security), Mike Montemurro, Jay Yang (Multi-AP) | Jarkko Kneckt, Xuwen Zhao (Roaming security), Yanjun Sun, Yun Li, Binita Gupta (roaming security), Alfred Asterjadhi, Abhishek Patil, Peshal Nayak, Abhishek Patil, Jonghoe Koo, Julien Sevin, Po-Kai Huang |  |
| Control frame protection | Nehru Bhandaru, SunHee Baek, Po-Kai Huang | Liwen Chu, Li-Hsiang Sun Xuwen Zhao, Alfred Asterjadhi, Yanjun Sun |  |
| Dynamic Subchannel Operation | Yanchun Li, Morteza Merhnoush, Gaurang Naik | Liwen Chu, Hank Hyeonjun Sung, Tuncer Baykas, Vishnu Ratnam, Chaoming Luo Tuncer Baykas, Reza Hedayat, Kaiying Lu, Jay Yang, Seongho Byeon, Mahmoud Kamel, Liuming Lu, Shuang Fan, Li Quan, Binita Gupta, Rocco Di Taranto, Kerstin Johnsson, Alfred Asterjadhi, Yanchao Xu, Shubhodeep Adhikari, Mickael Lorgeoux, Laurent Cariou, Hanqing Lou,Yuki Fujimori |  |
| Enhanced Channel Access | Dmitry Akhmetov, Jason Yuchen Guo, Yunbo Li | Jerome Gu, Mingyu LEE, John Wullert, Reza Hedayat, Kiseon Ryu, Yonggang Fang, Yue Qi, Atsushi Shirakawa, Akira Kishida, Patrice Nezou, Qisheng Huang, Zisheng Wang, Charlie Pettersson, Hang Yang, Alfred Asterjadhi, Subir Das, Peshal Nayak, Jason Yuchen Guo, Yunbo Li, Binita Gupta, Massinissa Lalam, Mohamed Abouelseoud, Kiseon Ryu, Insun Jang |  |
| TXOP sharing | Yunbo Li, Sanket Kalamkar | Jerome Gu, Pei Zhou, Alfred Asterjadhi, Abhishek Patil, Binita Gupta, Mohamed Abouelseoud, Serhat Erkucuk, Brian Hart, Insun Jang |  |
| P2P | Guogang Huang, Sanket Kalamkar | Yingqiao Quan Pascal Viger, Alfred Asterjadhi, Abhishek Patil, Inaki Val Beitia, Serhat Erkucuk, Brian Hart, Insun Jang |  |
| Relay operation | Guogang Huang | Pei Zhou, Akira Kishida, Alfred Asterjadhi, Serhat Erkucuk |  |
| Preemption | Insun Jang, Yunbo Li | Yonggang Fang, Yue Qi, Akira Kishida, Jaheon Gu, Bo Cao, Leif Wilhelmsson, Okan Mutgan, Tong Bian, Hang Yang, Alfred Asterjadhi, John Wullert, Yurong Qian, Yunbo Li, Binita Gupta, Si-Chan Noh, Mohamed Abouelseoud, Jinho choi |  |
| AP ID assignment | Sanket Kalamkar, GeonHwan Kim, Samat Shabdanov, Jay Yang | Alfred Asterjadhi, Abhishek Patil, Samat Shabdanov, Brian Hart | Part of Multi-AP coordination framework, if needed |
| Indication and Notification of low latency related features | Mohamed Abouelseoud, Akira Kishida, Kiseon Ryu, Yue Zhao | Akira Kishida, Alfred Asterjadhi, Yue Zhao, Mohamed Abouelseoud, Jinho choi, Reza Hedayat, Yonggang Fang, Dmitry Akhmetov, Yue Qi, Binita Gupta, Insun Jang |  |
| Extension of WLAN interworking | Akira Kishida | Akira Kishida, Alfred Asterjadhi |  |
| UHR SCS/MSCS procedure | Abdel Ajami, Binita Gupta, Guogang Huang, Akira Kishida | Akira Kishida, Abdel Ajami, Alfred Asterjadhi, Gaurav Patwardhan, Insun Jang |  |
| L4S | Binita Gupta | Okan Mutgan, Alfred Asterjadhi, Prabodh Varshney, Yan Li |  |
| Block Ack | Ming Gan | Ming Gan, Binita Gupta, Liuming Lu, Insun Jang |  |
| UHR MAC Capabilities element | Ming Gan | Ming Gan, Lyutianyang Zhang, Binita Gupta, Jay Yang, Insun Jang |  |
| UHR BSS Operation | Ming Gan | Ming Gan, Binita Gupta, Jay Yang, Insun Jang |  |
| UHR Operation Element | Ming Gan | Ming Gan, Lyutianyang Zhang, Binita Gupta, Jay Yang, Insun Jang |  |
| MAC Areas | Akira Kishida | Akira Kishida, Alfred Asterjadhi | Please be more specific |
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NOTE—Names in BLUE: PoC request received after the deadline.

# PHY Subclauses

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| **SFD Topic** | **POC (in alphabetical order of family name)** | **TTT** | **Notes** |
| DRU | Bo Gong (tone plan and STF), Mengshi Hu (L-preamble, pilot), Chenchen Liu (LTF, tone plan), Jianhan Liu, Eunsung Park | Rui Yang, Yapu Li, Jiyang Bai Xuwen Zhao Shengquan Hu, Leonardo Lanante, Yan Zhang, Mahmoud Kamel, Yusuke Asai, Bo Sun, Thomas Handte, Genadiy Tsodik, Yan Xin, Bo Cao, Qisheng Huang, Daniel Verenzuela, Ke Zhong, Ying Wang, Aiguo Yan, Lin Yang, Ryota Yamada, Bo Gong, Juan Fang | SFD Subcaluses:  2.2.1 General  2.2.2 Tone plan  2.2.3 L-preamble  2.2.4 UHR-STF  2.2.5 Pilot |
| UEQM and new MCS | Rui Cao, Alice Chen, Mengshi Hu, Ying Wang | Sameer Vermani, Shimi Shilo, Ning Gao, Dongguk Lim, Jiyang Bai Aniruddh Kabbinale Shengquan Hu, Juan Fang (UEQM-stream parser/segment parser, UEQM-LDPC rate matching, UEQM-timing-related parameters), Bo Sun, Oded Redlich, Bo Cao, Qisheng Huang, Kanke Wu, Aiguo Yan, Ryota Yamada, Rethna Pulikkoonattu | SFD Subcaluses:  2.3.1 General  2.3.2 Signaling |
| Enhanced long range extension | Bo Gong, Yunbo Li (MAC), Dongguk Lim, Chenchen Liu, Junghoon Suh, Lin Yang | Rethna Pulikkoonattu, Rui Yang, Jiyang Bai Xuwen Zhao Shengquan Hu, Juan Fang (ELR-SIG and Coding), Leonardo Lanante, Wook Bong Lee, Mahmoud Kamel, Bo Sun, Thomas Handte, Genadiy Tsodik, Bo Cao, Daniel Verenzuela, Rocco Di Taranto, Ying Wang, Bo Gong, Zigui Yang | Include both PHY and MAC |
| LDPC enhancement | Rethna Pulikkoonattu, Yan Xin | Sameer Vermani Xuwen Zhao Shengquan Hu, Juan Fang (2x LDPC rate matching) , Yan Zhang, Bo Sun, Bo Cao, Qisheng Huang, Ying Wang |  |
| Interference Mitigation | Shimi Shilo | Xuwen Zhao, Daniel Verenzuela, Ke Zhong |  |
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| UHR PHY Capabilities in UHR Caps IE | Eugene Baik, Mengshi Hu | Juan Fang | The following topics either follow previous standard or has no SFD support. |
| Introduction to the UHR PHY | Bo Gong, Bin Tian | Eugene Baik, Bo Gong |  |
| PHY SAP | Bo Gong, Bo Sun | Yan Li, Bo Gong |  |
| Timing-Related Parameters | Eugene Baik, Mengshi Hu |  |  |
| Overview of the PPDU encoding process | Mengshi Hu |  |  |
| Transmit block diagram | Yusuke Asai, Mengshi Hu | Yusuke Asai |  |
| Receive Procedure | Bo Gong | Bo Gong |  |
| Transmit specification | Yusuke Asai, Genadiy Tsodik (Modulation Accuracy) | Yusuke Asai |  |
| UHR PPDU format | Dongguk Lim, Genadiy Tsodik |  |  |
| Preamble puncturing | Hanqing Lou, Oded Redlich |  |  |
| Legacy Preamble | Dongguk Lim, Junghoon Suh |  |  |
| U-SIG | Alice Chen, Mengshi Hu, Dongguk Lim | Juan Fang, Oded Redlich, You-wei Chen |  |
| UHR-SIG | Alice Chen, Mengshi Hu, Dongguk Lim | Juan Fang, Oded Redlich, You-wei Chen |  |
| UHR-STF | Chenchen Liu, Eunsung Park |  |  |
| UHR-LTF | Chenchen Liu, Mahmoud Kamel | Eunsung Park |  |
| RU/MRU restrictions for 20MHz operation | Bo Gong, Eunsung Park, Yan Xin | Bo Gong |  |
| Null subcarriers | Bo Gong, Chenchen Liu, Eunsung Park | Bo Gong |  |
| Pilot subcarriers | Bo Gong, Chenchen Liu, Eunsung Park | Bo Gong |  |
| Packet Extension | Mengshi Hu |  |  |
| Trigger Frame for UHR | Alice Chen, Ming Gan, Mengshi Hu | Mahmoud Kamel, You-wei Chen, Ming Gan | Include both MAC and PHY |
| NDP Announcement | Mengshi Hu, Guogang Huang, Mahmoud Kamel | You-wei Chen, Alice Chen | Include both MAC and PHY |
| Sounding | Genadiy Tsodik | Insik Jung Jiayi Zhang, Leonardo Lanante, Bo Cao, Qisheng Huang, Yun Li, Dana Ciochina | Include both MAC and PHY |
| Transmit requirements for PPDUs sent in response to a triggering frame | Mengshi Hu |  |  |
| Nominal packet padding values selection rules | Mengshi Hu |  |  |
| PHY Areas | Yusuke Asai | Yusuke Asai, Akira Kishida | Please be more specific. |
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