IEEE P802.11
Wireless LANs

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| TGbn D0.1 Spec Text Volunteers and Status |
| Date: 2024-10-21 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Ross Jian Yu | Huawei Technologies |  |  | ross.yujian@huawei.com |
| 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
* Rev 3: Relfecting the PoC discussions and decisions during the call in Oct 17, adding more volunteers until 08:00AM ET Oct 21, 2024. Subdivided coordinated beamforming to PHY and MAC per request.

# 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.

NOTE — Names in BLUE: PoC request received after the deadline.

# MAC Subclauses

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| **SFD Topic** | **POC (in alphabetical order of family name)** | **TTT** | **Notes** |
| Roaming | Giovanni Chisci, Liwen Chu, Binita Gupta, Duncan Ho, Guogang Huang, Po-Kai Huang, Jarkko Knect (discovery), Pooya Monajemi (Data plane), Mike Montemurro, Peshal Nayak (context transfer, preparation and discovery), 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 Xin, 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, Haorui Yang, Tomo Adachi, Kyosuke Inoue, Stephane BARON, Brian Hart, Yu Hsien Chang, Rubayet Shafin, Lei Zhou | Discussions onging regarding divding the topic into subtopics. |
| 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), Vishnu Ratnam (mobile AP) | 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 Xin, 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, Tomo Adachi, Woojin Ahn, Brian Hart, Hirohiko INOHIZA, Yu Hsien Chang, Rubayet Shafin, YuHsien Chang | Low/high capabilityCross-linkAP Power save  |
| NPCA | Laurent Cariou, Dongju Cha, Matthew Fischer, Shawn Kim, 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 Xin, 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, Haorui Yang, Tomo Adachi, Stephane BARON, Hirohiko INOHIZA, Si-Chan Noh, Leonardo Lanante, Dibakar Das, Sakamoto Ryunosuke, Rubayet Shafin, Qing Xia |  |
| Buffer status report | Frank Hsu | Pei Zhou Pascal Viger Gwangho Lee, Suhwook Kim, Akira Kishida, Liangxiao Xin, Abdel Ajami, Alfred Asterjadhi, Peshal Nayak, Zhenpeng Shi, Maolin Zhang, Binita Gupta, Woojin Ahn, Dibakar Das, Rubayet Shafin, Qing Xia |  |
| Multi-AP Cooridnation Framework | Giovanni Chisci, GeonHwan Kim, Arik Klein, Rubayet Shafin, Yanjun Sun, 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, Yuxin Lu, Haorui Yang, Woojin Ahn, Kazuto Yano, Kyosuke Inoue, Brian Hart, Hirohiko INOHIZA, Dibakar Das, Lei Zhou |  |
| Coordinated spatial reuse | Jason Yuchen Guo, GeonHwan Kim, Liuming Lu (for P2P), Kaiying Lu, Yanjun Sun | 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, Leonardo Lanante, Dibakar Das, Yue Qi, Rubayet Shafin, Vishnu Ratnam, Lei Zhou |  |
| Coordinated beamforming MAC | George Cherian, Jason Yuchen Guo, Yanchun Li, Ron Porat, Shimi Shilo, Yanjun Sun, 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, Jiayi Zhang, Mario Costa, Juhyung Lee, Dibakar Das, Rubayet Shafin, Vishnu Ratnam, Lei Zhou | Subdivided to PHY and MAC per request |
| C-TDMA | Ming Gan, Sanket Kalamkar, GeonHwan Kim, Yunbo Li, Samat Shabdanov, Yanjun Sun, 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, Tomo Adachi, Woojin Ahn, Jonghoe KOO, Hirohiko INOHIZA, Giovanni Chisci, Seongho Byeon, Dibakar Das, Yue Qi, Rubayet Shafin, Lei Zhou |  |
| Co-RTWT | SunHee Baek, Giovanni Chisci, Jason Yuchen Guo, Muhammad Kumail Haider, Yunbo Li, Liuming Lu, Rubayet Shafin, Yanjun Sun, 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 Har,t, 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, Ming Gan, Woojin Ahn, Dibakar Das, Yue Qi |  |
| In-Device Coexistence | Abdel Ajami, Laurent Cariou, Jason Yuchen Guo, Guogang Huang, Hongwon Lee, Sherief Helwa, Rubayet Shafin | 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, Hirohiko INOHIZA, Pelin Salem, Yu Hsien Chang, YuHsien Chang |  |
| 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, Woojin Ahn, Yingqiao Quan, Giovanni Chisci, Patrice Nezou, Dibakar Das, Rubayet Shafin, Qing Xia, Binita Gupta |  |
| Control (ICF/ICR) | SunHee Baek, Liwen Chu, Ming Gan Hongwon Lee, Yunbo Li, Kaiying Lu, Abhishek Patil, Yanjun Sun, 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, Pei Zhou, Jeongki Kim, Mickael Lorgeoux, Pascal Viger, Si-Chan Noh, Seongho Byeon, Rubayet Shafin, Qing Xia | Includes I-FCS design for ICF. |
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| **The following topics either follow previous standard or has no SFD support.** |
| MLME SAP (Clause 6) | Osama Aboul-Magd, Yan Li | Alfred Asterjadhi, Brian Hart (MAPC) , Binita Gupta (roaming, L4S), Lili Hervieu (L4S) , Brian Hart (L4S) , Pascal Viger (L4S) |  |
| UHR MAC Capabilities element | Ming Gan | Ming Gan, Lyutianyang Zhang, Binita Gupta, Jay Yang, Insun Jang, Yuxin Lu, Manasi Ekkundi |  |
| UHR Operation Element | Ming Gan | Ming Gan, Lyutianyang Zhang, Binita Gupta, Jay Yang, Insun Jang, Yuxin Lu, Vishnu Ratnam |  |
|  |  |  |  |
| Security | Mike Montemurro, Yanjun Sun, 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, Nehru Bhandaru (roaming security), Stephen Rodriguez |  |
|  |  |  |  |
| Introduction to UHR MAC | George Cherian, Yunbo Li, Mike Montemurro | Alfred Asterjadhi, Yunbo Li, Laurent Cariou, Brian Hart (MAPC) , Binita Gupta, Insun Jang, Ming Gan |  |
| TXOP sharing | Yunbo Li, Sanket Kalamkar, Shawn Kim | Jerome Gu, Pei Zhou, Alfred Asterjadhi, Abhishek Patil, Binita Gupta, Mohamed Abouelseoud, Serhat Erkucuk, Brian Hart, Insun Jang, Ming Gan, Stephane BARON, Si-Chan Noh, Giovanni Chisci, Patrice Nezou, Dibakar Das, Yue Qi, Rubayet Shafin, Qing Xia |  |
| Block Ack | Ming Gan | Ming Gan, Binita Gupta, Liuming Lu, Insun Jang, Tomo Adachi, Jiyang Bai |  |
| UHR BSS Operation | Ming Gan | Ming Gan, Binita Gupta, Jay Yang, Insun Jang, Yuxin Lu, Tuncer Baykas, Vishnu Ratnam |  |
| UHR SCS/MSCS procedure | Abdel Ajami, Binita Gupta, Guogang Huang, Akira Kishida | Akira Kishida, Abdel Ajami, Alfred Asterjadhi, Gaurav Patwardhan, Insun Jang, Ming Gan, Guogang Huang, Yuxin Lu, Tuncer Baykas, Dibakar Das, Rubayet Shafin |  |
|  |  |  |  |
| Control frame protection | SunHee Baek, Po-Kai Huang, Yanjun Sun | Liwen Chu, Li-Hsiang Sun Xuwen Zhao, Alfred Asterjadhi, Yanjun Sun, Jeongki Kim, Serhat Erkucuk, Nehru Bhandaru, Binita Gupta |  |
| Dynamic Subchannel Operation | Yanchun Li, Morteza Merhnoush, Gaurang Naik, Vishnu Ratnam (ICF exchange) | 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, Tomo Adachi, Jiyang Bai, Dongju Cha, Si-Chan Noh, Leonardo Lanante, Rubayet Shafin, Aniruddh Kabbinale |  |
| Enhanced Channel Access | Dmitry Akhmetov, Jason Yuchen Guo, Yunbo Li, Peshal Nayak | 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, Ming Gan, Pei Zhou, Tomo Adachi, Jiyang Bai, Shawn Kim, Jeongki Kim, Stephane BARON, Giovanni Chisci, Dibakar Das, Yue Qi |  |
| P2P | Guogang Huang, Sanket Kalamkar, Rubayet Shafin | Yingqiao Quan Pascal Viger, Alfred Asterjadhi, Abhishek Patil, Inaki Val Beitia, Serhat Erkucuk, Brian Hart, Insun Jang, Ming Gan, Pei Zhou, Tomo Adachi, Dibakar Das, Yue Qi, Binita Gupta |  |
| Relay operation | Guogang Huang, Peshal Nayak | Pei Zhou, Akira Kishida, Alfred Asterjadhi, Serhat Erkucuk, Ming Gan, Yuxin Lu, Tomo Adachi, Dibakar Das, Yue Qi |  |
| Preemption | Insun Jang, Yunbo Li, Yue Qi | 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, Yuxin Lu, Haorui Yang, Tomo Adachi, Serhat Erkucuk, Jiayi Zhang, Giovanni Chisci, Jerome Gu, Gaius Yao Huang Wee, Qinglai Liu, Yue Qi | "Preemption" and "Indication and Notification of low latency related features" are related to each other.The group may discuss whether to merge the two topics. |
| Indication and Notification of low latency related features | Mohamed Abouelseoud, Akira Kishida, Peshal Nayak, Yue Qi, 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, Ming Gan, Yuxin Lu, Jeongki Kim, Serhat Erkucuk, Si-Chan Noh, Giovanni Chisci, Patrice Nezou, Dibakar Das, Jerome Gu, Gaius Yao Huang Wee, Qinglai Liu, Yue Qi |  |
| AP ID assignment | Sanket Kalamkar, GeonHwan Kim, Samat Shabdanov, Jay Yang | Alfred Asterjadhi, Abhishek Patil, Samat Shabdanov, Brian Hart, Pei Zhou, Tomo Adachi, Jiayi Zhang, Jonghoe KOO, Giovanni Chisci, Patrice Nezou, Dibakar Das, Rubayet Shafin, Binita Gupta | Part of Multi-AP coordination framework, if needed |
| Extension of WLAN interworking | Akira Kishida | Akira Kishida, Alfred Asterjadhi |  |
| L4S | Binita Gupta, Lili Hervieu | Okan Mutgan, Alfred Asterjadhi, Prabodh Varshney, Yan Li, Yuxin Lu, Lili Hervieu, Brian Hart, Pascal Viger, Qing Xia |  |
| Dynamic bandwidth selection | Binita Gupta |  | Newly added in r3 |
| PICS (Annex B) | Edward Au | Alfred Asterjadhi |  |
|  |  |  |  |
| MAC Areas | Akira Kishida | Akira Kishida, Alfred Asterjadhi | Please be more specific |

# PHY Subclauses

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| **SFD Topic** | **POC (in alphabetical order of family name)** | **TTT** | **Notes** |
| DRU | Jianhan Liu | 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, Bo Gong (tone plan and STF), Mengshi Hu (L-preamble, pilot), Chenchen Liu (LTF, tone plan), Eunsung Park, Yapu Li, Toshizoh NOGAMI, Sara Norouzi, Brian Hart, Lei Zhou | SFD Subcaluses:2.2.1 General2.2.2 Tone plan2.2.3 L-preamble2.2.4 UHR-STF2.2.5 Pilot |
| UEQM and new MCS | Rui Cao | 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, Alice Chen, Mengshi Hu, Ying Wang, Leonardo Lanante, Sara Norouzi, Lei Zhou | SFD Subcaluses:2.3.1 General2.3.2 Signaling |
| Enhanced long range extension | 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, Junghoon Suh (ELR-LTF and Data improvement), Dongguk Lim, Yunbo Li (MAC), Bo Gong, Chenchen Liu, Junghoon Suh, Ming Gan (MAC), Yapu Li, Toshizoh NOGAMI, Pelin Salem, Lei Zhou | Include both PHY and MACELR MAC will be discussed in MAC. |
| LDPC enhancement | Rethna Pulikkoonattu | Sameer Vermani Xuwen Zhao Shengquan Hu, Juan Fang (2x LDPC rate matching) , Yan Zhang, Bo Sun, Bo Cao, Qisheng Huang, Ying Wang, Yan Xin (MAC) , Leonardo Lanante |  |
| Interference Mitigation | Shimi Shilo | Xuwen Zhao, Daniel Verenzuela, Ke Zhong, Jianhan Liu, Mahmoud Kamel, Eugene Baik, Pelin Salem |  |
| Coordinated beamforming PHY | George Cherian, Jason Yuchen Guo, Yanchun Li, Ron Porat, Shimi Shilo, Yanjun Sun, 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, Jiayi Zhang, Mario Costa, Juhyung Lee, Dibakar Das, Eunsung Jeon | Subdivided to PHY and MAC per request |
|  |  |  |  |
| **The following topics either follow previous standard or has no SFD support.** |
| UHR PHY Capabilities in UHR Caps IE  | Eugene Baik | Juan Fang, Mengshi Hu, Brian Hart, Youwei Chen |  |
| Trigger Frame for UHR | Alice Chen, Juan Fang, Ming Gan, Mengshi Hu | Mahmoud Kamel, You-wei Chen, Ming Gan, Juan Fang, Manasi Ekkundi | Include both MAC and PHYFor further discussion |
| NDP Announcement | Juan Fang, Mengshi Hu, Guogang Huang, Mahmoud Kamel | You-wei Chen, Alice Chen, Pei Zhou, Jiyang Bai, Jiayi Zhang, Juan Fang, Qinghua Li | Include both MAC and PHYFor further discussion |
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| Nominal packet padding values selection rules | Mengshi Hu | Eugene Baik | Include both MAC and PHYFor further discussion |
|  |  |  |  |
| Introduction to the UHR PHY | Bin Tian | Eugene Baik, Bo Gong |  |
| UHR PHY service interface | Bo Sun | Yan Li, Bo Gong |  |
| Null subcarriers | Bo Gong, Chenchen Liu, Eunsung Park | Bo Gong, Alice Chen | Part of Subcarrier and resource allocationFor further discussion |
| Pilot subcarriers | Bo Gong, Chenchen Liu, Eunsung Park | Bo Gong, Lin Yang | For further discussion |
| RU/MRU restrictions for 20MHz operation | Bo Gong, Eunsung Park, Yan Xin | Bo Gong, Xuwen Zhao, Jiyang Bai, Lin Yang | For further discussion |
| UHR PPDU format | Dongguk Lim | Genadiy Tsodik, Xuwen Zhao, Alice Chen |  |
| Transmit block diagram | Yusuke Asai | Mengshi Hu, Jianhan Liu, Qinghua Li, Eugene Baik |  |
| Overview of the PPDU encoding process | Mengshi Hu | Juan Fang (2x LDPC, ELR), Eugene Baik |  |
| Timing-Related Parameters | Mengshi Hu | Eugene Baik, Juan Fang | Basic table, may come out first, and may be updated later. |
| Mathematical description of signals |  |  | Newly added in r3 |
| Legacy Preamble | Dongguk Lim, Junghoon Suh | Xuwen Zhao, Lin Yang | Part of UHR PreambleMore for offline discussion |
| U-SIG | Alice Chen | Juan Fang, Oded Redlich, You-wei Chen, Mengshi Hu, Dongguk Lim, Xuwen Zhao, Leonardo Lanante |  |
| UHR-SIG | Alice Chen, Juan Fang, Mengshi Hu, Dongguk Lim | Juan Fang, Oded Redlich, You-wei Chen, Xuwen Zhao, Leonardo Lanante, Brian Hart, Juan Fang | More offline disscussion |
| UHR-STF | Eunsung Park | Chenchen Liu, Lin Yang | For further discussion |
| UHR-LTF | Chenchen Liu  | Eunsung Park, Mahmoud Kamel, Lin Yang | For further discussion |
| Preamble puncturing | Hanqing Lou, Oded Redlich | Mahmoud Kamel, Yusuke Asai, Xuwen Zhao, Jiyang Bai, Alice Chen | More for offline discussion |
| Data field |  |  | Newly added in r3Could be covered by other topics, PoCs and TTTs, if needed.In 802.11be:* Sevice field
* PHY Data Scrambler and descrambler
* Coding
* Stream Parser
* BCC interleavers
* Constellation mapping
* LDPC tone mapper
* Segment deparser
* Freq domain duplication
* Pilot subcarriers
* OFDM modulation
* Dual carrier modulation
 |
| Packet Extension | Mengshi Hu | Lin Yang | For further discussion |
| Transmit requirements for PPDUs sent in response to a triggering frame | Mengshi Hu | Lin Yang, YuHsien Chang | For further discussion |
| Sounding (including sounding NDP) | Youwei Chen, Genadiy Tsodik | Insik Jung Jiayi Zhang, Leonardo Lanante, Bo Cao, Qisheng Huang, Yun Li, Dana Ciochina, Pei Zhou, Alice Chen, Eunsung Jeon, Qinghua Li | Include both MAC and PHYFor further discussion |
| Transmit specification | Yusuke Asai, Genadiy Tsodik (Modulation Accuracy) | Yusuke Asai, Alice Chen, YuHsien Chang | More for offline discussionIn 802.11be:* Transmit spectral mask
* Spectral flatness
* Transmit center frequency and symbol clock frequency tolerance
* Modulation accuracy
 |
| Receiver specification | Juan Fang | Eugene Baik, YuHsien Chang | Newly added in r3In 802.11be:* General
* Receiver minimum input sensitivity
* Adjacent channel rejection
* Nonadjacent channel rejection
* Receiver maximum input level
* CCA sensitivity
 |
| Transmit procedure | Xiaogang Chen | Xiaogang Chen | Newly added in r3 |
| Receive Procedure | Xiaogang Chen, Bo Gong, Lin Yang | Bo Gong, Yapu Li, Xiaogang Chen, Juan Fang, Lin Yang (ELR), Juan Fang | More for offline discussion |
| PHY Areas | Yusuke Asai | Yusuke Asai, Akira Kishida | Please be more specific.For further discussion |
|  |  |  |  |