IEEE P802.11
Wireless LANs

|  |
| --- |
| TGbe D0.1 Spec Text Volunteers and Status |
| Date: 2020-08-25 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Alfred Asterjadhi | Qualcomm Inc. | 5775 Morehouse Dr, San Diego, CA 92109 | +1-858-658-5302 | aasterja@qti.qualcomm.com |
| Laurent Cariou | Intel Corp. |  |  |  |
| Matthew Fischer | Broadcom Inc. |  |  |  |
| Edward Au | Huawei  |  |  |  |

Abstract

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

Revision History:

* 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.
* Rev 3: More updates. Highlighted in yellow rows that do not have POCs and in blue rows that have multiple POCs.
* Rev 4: More updates based on received feedback (members, and ad-hoc chairs). Also added some early R1/R2 classifications to be discussed during the Joint call and added guideline for categorizing R1 vs R2.
* Rev 5: More updates, including narrowing down POCs for certain rows for which did not receive e-mails prior to Monday 9:00am ET deadline. POCs for each row are requested to provide a list of motions that correspond to assigned row.
* Rev 6: More updates
* Rev 7: More updates
* Rev 8: More updates, including the inputs from the MAC ad-hoc.
* Rev 9: Updates prior to (added two TTT members) and during the Joint call of July 30th.
* Rev 10: More updates
* Rev 11: More updates
* Rev 12: More updates
* Rev 13: More updates
* Rev 14: More updates
* Rev 15: More updates
* Rev 16: More updates based on the discussion during the Joint call of August 20th.
* Rev 17: More updates including the status of the PDT text
* Rev 18: More updates
* Rev 19: More updates
* NOTE: The green text in MAC means that the ad-hoc has agreed on the R1/R2 status.

| **Layer** | **SFD Topic** | **POC** | **TTT** | **R1/R2** | **Status (following EDT for the date of the uploaded document)** | **Notes** |
| --- | --- | --- | --- | --- | --- | --- |
| PHY | Introduction to the EHT PHY | Bin Tian | Bo Sun, Youhan Kim | Basics (R1) |  | Motion 115 #SP75 Motion 112 #SP13 Motion 112 #SP12Motion 74Motion 75 |
| PHY | Scope and EHT PHY functions | Youhan Kim | Bo Sun, Youhan Kim | Basics (R1) | [20/1293r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1293-00-00be-pdt-phy-scope-and-eht-phy-functions.docx), uploaded on August 25, 2020[20/1293r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1293-01-00be-pdt-phy-scope-and-eht-phy-functions.docx), uploaded on August 25, 2020 | No motion |
| PHY | TXVECTOR and RXVECTOR parameters | Bo Sun | Bo Sun, Youhan Kim | Basics (R1) |  | Related to most PHY motions |
| PHY | Support for non-HT, HT, VHT, and HE formats | Bo Sun | Bo Sun, Youhan Kim | Basics (R1) |  | No motion |
| PHY | Subcarriers and Resource Allocation- Wideband and noncontiguous spectrum utilization | Yan Xin | Eunsung Park, Wook Bong Lee, Bin Tian, Bo Sun, Dandan Liang, Youhan KimShimi Shilo,  | All but one (see next column) are R1 | [20/1314r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1314-00-00be-draft-text-for-wideband-and-noncontiguous-spectrum-utilization.docx), uploaded on August 25, 2020 | Motion 10Motion 11Motion 16Motion 17Motion 18Motion 19Motion 33Motion 34Motion 35Motion 111, #SP0611-01Motion 112, #SP42Motion 118Motion 119, #SP115Motion 119, #SP116Motion 119, #SP117Motion 122, #SP165 |
| PHY | Subcarriers and Resource Allocation-Support for large bandwidth | [20/1315r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1315-00-00be-draft-text-for-support-for-large-bandwidth.docx), uploaded on August 25, 2020 | Motion 112, #SP48 (R2)Motion 115, #SP75 |
| PHY | Subcarriers and Resource Allocation -Single RU | [20/1316r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1316-00-00be-draft-text-for-subcarriers-and-resource-allocation-for-single-ru.docx), uploaded on August 25, 2020 | Motion 112, #SP13 |
| PHY | Subcarriers and Resource Allocation -Multiple RU | Jianhan Liu | Eunsung Park, Bin Tian, Srinath Puducheri, Bo Sun, Myeongjin Kim, Youhan Kim, Oded Redlich | R1 |  | Motion 6Motion 76Motion 91Motion 69Motion 78Motion 79Motion 80Motion 118Motion 81Motion 112, #SP21Motion 87Motion 86Motion 97Motion 98Motion 115, #SP71Motion 115, #SP73Motion 115, #SP74Motion 115, #SP72Motion 93Motion 94Motion 95Motion 96 |
| PHY | MU MIMO | Sameer Vermani | Sameer Vermani, Bo Sun, Youhan Kim, Dandan Liang, Junghoon Suh, Aiguo Yan | Basics (R1) | [20/1160r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1160-00-00be-pdt-phy-mu-mimo.docx), uploaded on August 25, 2020 | Motion 65.Motion 111, #SP0611-20Motion 112, #SP15Motion 112, #SP44Motion 112, #SP47 |
| PHY | EHT PPDU formats | Dongguk Lim | Bo Sun, Rui Yang, Youhan Kim, Lei Huang | Basics (R1) |  | Motion 111, #SP0611-08Motion 111, #SP0611-09 Motion 112, #SP39 |
| PHY | Transmitter block diagram | Xiaogang Chen | Bo Sun, Rui Yang, Youhan Kim | Basics (R1) |  | No motion |
| PHY | Overview of the PPDU encoding process | Youhan Kim | Bo Sun, Youhan Kim | Basics (R1) | [20/1295r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1295-00-00be-pdt-phy-overview-of-the-ppdu-enconding-process.docx), uploaded on August 25, 2020[20/1295r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1295-01-00be-pdt-phy-overview-of-the-ppdu-enconding-process.docx), uploaded on August 25, 2020 | No motion |
| PHY | EHT Modulation and coding schemes (EHT-MCSs) | Rethna Pulikkoonattu | Bo Sun, Ruchen Duan, Youhan Kim | Basics (R1) |  | Motion 111, #SP0611-21 |
| PHY | Timing-related parameters | Bin Tian | Bo Sun, Youhan Kim, Yan Zhang, Shimi Shilo | R1 | [20/1153r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1153-00-00be-pdt-phy-timing-related-parameters.docx), uploaded on July 29, 2020.[20/1153r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1153-01-00be-pdt-phy-timing-related-parameters.docx), uploaded on August 24, 2020 | No motion |
| PHY | Mathematical description of signals | Yan Zhang  | Bo Sun, Ruchen Duan, Youhan Kim | Basics (R1) |  | Motion 41, Phase rotationMotion 112, #SP30, Phase rotationMotion 115 #SP 81, Phase rotationMotion 112, #SP 31, Phase rotationMotion 111, #SP 0611-08, EHT PPDU formatMotion 111, SP0611-09, EHT PPDU formatMotion 112, #SP39, EHT PPDU format |
| PHY | EHT preamble-L-STF, L-LTF, L-SIG, and RL-SIG | Dongguk Lim | Eunsung Park, Bo Sun, Youhan Kim | Basics (R1) |  | Motion 1Motion 29Motion 41Motion 49Motion 107Motion 112, #SP30Motion 112, #SP31Motion 115, #SP81 |
| PHY | EHT preamble-U-SIG | Sameer Vermani | Ross Yu, Bo Sun, Lei Huang, Wook Bong Lee, Rui Cao, Bo Sun, Mark Rison, Youhan Kim | Basics (R1) |  | Motion 27Motion 28Motion 42Motion 45Motion 47Motion 48Motion 59Motion 88Motion 89Motion 99Motion 100Motion 111, #SP0611-10Motion 111, #SP0611-11Motion 111, #SP0611-12Motion 111, #SP0611-13Motion 111, #SP0611-14Motion 111, #SP0611-15Motion 111, #SP0611-16Motion 111, #SP0611-18Motion 112Motion 113 |
| PHY | EHT preamble-EHT-SIG | Ross Yu | Lei Huang, Rui Cao, Bo Sun, Myeongjin Kim, Mark Rison, Dongguk Lim | Basics (R1) | [20/1276r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1276-00-00be-pdt-phy-eht-preamble-eht-sig.docx), uploaded on August 25, 2020 | Motion 43Motion 44Motion 57Motion 112, #SP46Motion 112, #SP45Motion 112, #SP43Motion 58Motion 112, #SP44Motion 115, #SP57Motion 115, #SP84Motion 115, #SP58Motion 85Motion 111, #SP0611-17Motion 111, #SP0611-18Motion 111, #SP0611-19Motion 112, #SP1Motion 100Motion 99Motion 111, #SP0611-11Motion 111, #SP0611-12Motion 111, #SP0611-14Motion 111, #SP0611-15Motion 119, #SP103Motion 119, #SP104Motion 119, #SP105Motion 119, #SP106Motion 119, #SP107Motion 119, #SP108Motion 119, #SP120Motion 119, #SP122Motion 119, #SP123Motion 119, #SP121 |
| PHY | EHT preamble-EHT-STF | Eunsung Park | Dandan Liang, Bo Sun, Youhan Kim | Basics (R1) | [20/1260r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1260-00-00be-pdt-phy-eht-stf.docx), uploaded on August 20, 2020[20/1260r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1260-01-00be-pdt-phy-eht-stf.docx), uploaded on August 25, 2020 | Motion 112, #SP8Motion 112, #SP9Motion 112, #SP10Motion 115, #SP56 Motion 115, #SP82Motion 115, #SP83 |
| PHY | EHT preamble-EHT-LTF | Dandan Liang | Bo Sun, Youhan Kim, Jinyoung Chun, Chenchen Liu | Basics (R1) |  | Motion 74Motion 75Motion 83Motion 111, #SP0611-20Motion 112, #SP11Motion 112, #SP41 |
| PHY | EHT preamble-Preamble puncture | Oded Redlich | Wook Bong Lee, Bo Sun, Youhan Kim | R1 |  | Motion 30Motion 31Motion 90Motion 111, #SP0611-13Motion 111, #SP0611-18 |
| PHY | Data field-Scrambler | Chenchen Liu | Bo Sun, Youhan Kim | Basics (R1) |  | Motion 112, #SP16 |
| PHY | Coding | Yan Zhang | Bo Sun, Youhan Kim | Basics (R1) |  | Motion 92Motion 112, #SP12 Motion 112, #SP14 Motion 111, #SP0611-02Motion 111, #SP0611-04 Motion 111, #SP0611-05 |
| PHY | Data field-Segment Parser | Jianhan Liu | Tianyu Wu, Bo Sun, Youhan Kim, Dandan Liang | Basics (R1) |  | Motion 111, #SP0611-07Motion 111, #SP2 Motion 111, #SP3 Motion 115, #SP70 |
| PHY | Resource unit-Interleaving for RUs and aggregated RUs | Jianhan Liu | Tianyu Wu, Bo Sun, Junghoon Suh, Ruchen Duan, Youhan Kim | Basics (R1) |  | Motion 82Motion 92Motion 112, #SP12Motion 112, #SP14Motion 115, #SP66Motion 115, #SP67Motion 115, #SP68Motion 115, #SP69 Motion 111, #SP0611-02Motion 111, #SP0611-03Motion 111, #SP0611-04Motion 111, #SP0611-05Motion 111, #SP0611-06 |
| PHY | Pilot | Jinyoung Chun | Bo Sun, Youhan Kim | Basics (R1) |  | Motion 116Motion 115, #SP78Motion 115, #SP80 |
| PHY | OFDM Modulation | Sigurd Schelstraete | Shimi Shilo, Bo Sun, Rethna Pulikkoonattu, Youhan Kim, Rui Cao | Basics (R1) |  | Motion 111, #SP0611-21Motion 111, #SP0611-22 |
| PHY | Packet extension | Yan Zhang | Bo Sun, Yujin Noh, Youhan Kim | Basics (R1) |  | No motion |
| PHY | Beamforming | Genadiy Tsodik  | Sameer Vermani, Bo Sun, Youhan Kim, Wook Bong Lee, Jinyoung Chun, Ruchen Duan | Basics (R1) | [20/1231r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1231-00-00be-pdt-phy-beamforming.docx), uploaded on August 23, 2020 | Motion 111, #SP0611-23Motion 112, #SP44Motion 6 |
| PHY | EHT sounding NDP | Sameer Vermani | Bo Sun, Youhan Kim, Junghoon Suh | R1 |  | No motion |
| PHY | Transmit specification: Transmit spectral mask and spectral flatness | Xiaogang Chen | Bo Sun, Youhan Kim, Wook Bong Lee, Bin Tian | Basics (R1) |  | No motion |
| PHY | Transmit specification: Clock frequency and modulation accuracy | Wook Bong Lee | Bo Sun, Youhan Kim, Wook Bong Lee, Bin Tian, Xiaogang Chen | Basics (R1) | [20/1252r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1252-00-00be-pdt-phy-frequency-tolerance.docx), uploaded on August 20, 2020[20/1253r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1253-00-00be-pdt-phy-modulation-accuracy.docx), uploaded on August 20, 2020[20/1253r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1253-01-00be-pdt-phy-modulation-accuracy.docx), uploaded on August 24, 2020 | Motion 112, #SP20 |
| PHY | Receive specification: General and receiver minimum input sensitivity and channel rejection | Wook Bong Lee | Bo Sun, Youhan Kim, Aiguo Yan, Bin Tian | Basics (R1) | [20/1254r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1254-00-00be-pdt-phy-receive-specification-general-and-receiver-minimum-input-sensitivity-and-channel-rejection.docx), uploaded on August 20, 2020[20/1254r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1254-01-00be-pdt-phy-receive-specification-general-and-receiver-minimum-input-sensitivity-and-channel-rejection.docx), uploaded on August 24, 2020[20/1254r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1254-02-00be-pdt-phy-receive-specification-general-and-receiver-minimum-input-sensitivity-and-channel-rejection.docx), uploaded on August 25, 2020 | No motion |
| PHY | Receive specification: CCA sensitivity | Bin Tian | Bo Sun, Youhan Kim, Aiguo Yan, Wook Bong Lee | R1 |  | Motion 90 |
| PHY | EHT transmit procedure | Xiaogang Chen | Bo Sun, Yujin Noh, Youhan Kim | Basics (R1) |  | No motion |
| PHY | EHT receive procedure | Xiaogang Chen | Bo Sun, Yujin Noh, Youhan Kim | Basics (R1) |  | No motion |
| PHY | Channel numbering and channelization | Ruchen Duan | Bo Sun, Ruchen Duan, Youhan Kim | R1 | [20/1229r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1229-00-00be-pdt-phy-channel-numbering-and-channelization.docx), uploaded on August 14, 2020 | No motion |
| PHY | Regulatory requirements | Bo Sun | Bo Sun, Youhan Kim | R1 |  | No motion |
| PHY | EHT PLME | Youhan Kim | Bo Sun, Youhan Kim | Basics (R1) | [20/1294r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1294-00-00be-pdt-phy-eht-plme.docx), uploaded on August 25, 2020[20/1294r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1294-01-00be-pdt-phy-eht-plme.docx), uploaded on August 25, 2020[20/1294r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1294-02-00be-pdt-phy-eht-plme.docx), uploaded on August 25, 2020 | No motion |
| PHY | Parameters for EHT-MCSs | Yujin Noh | Bo Sun, Yujin Noh, Ruchen Duan, Youhan Kim | Basics (R1) |  | Motion 111, #SP0611-21 |
|  |
| MAC | General | Dibakar Das  | George Cherian, Jarkko Kneckt, Yunbo Li, BARON Stephane, VIGER Pascal, Akhmetov Dmitry, NEZOU Patrice, James Yee, Jeongki Kim, Chunyu Hu, Yonggang Fang, John Yi, Liuming Lu, Payam Torab | ON HOLD (Check later) |  | Motion 22Motion 111, #SP0611-24 |
| MAC | EHT Operation Element | Guogang Huang | Liwen Chu, Po-kai Huang, Insun Jang, George Cherian, Mark Rison, Chunyu Hu, John Yi, Liuming Lu | Basics (R1) |  | Motion 111, #SP0611-25Motion 112, #SP53Motion 112, #SP54 |
| MAC | EHT BSS Operation | Liwen Chu | Guogang Huang, Po-kai Huang, Insun Jang, George Cherian, Mark Rison, Yonggang Fang, John Yi, Liuming Lu | Basics (R1) |  | Motion 112, #SP53Motion 112, #SP54 |
| MAC | TXOP: BW Signaling | Kaiying Lu | Yanjun Sun ,Das, Dibakar, Jarkko Kneckt, Yunbo Li, Jeongki Kim, Akhmetov Dmitry, Liuming Lu, Greg Geonjung Ko, John Yi, Yonggang Fang | R1 | [20/1281r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1281-00-00be-pdt-mac-txop-bandwidth-signaling.docx), uploaded on August 25, 2020 | Motion 111, #SP0611-27Motion 115, #SP102 |
| MAC | TXOP: Preamble Puncturing | Yanjun Sun | Kaiying Lu, Das, Dibakar, Jarkko Kneckt, Yunbo Li, Jeongki Kim, Akhmetov Dmitry, Liuming Lu, Greg Geonjung Ko, John Yi, Yonggang Fang | Basics (R1) |  | Motion 111, #SP0611-26 |
| MAC | Priority access support for NS/EP services | Subir Das | Leif Wilhelmsson, An Nguyen, Chitto Ghosh | R2(SP result for R1: 50Y, 61N, 54A) |  | Motion 50Motion 115, #SP90 |
| MAC | Wideband and noncontiguous spectrum utilization | Young Hoon Kwon | Yanjun Sun, Kaiying Lu, Jarkko Kneckt, Laurent Cariou, Yunbo Li, Chunyu Hu, John Yi, Liuming Lu |  R2 |  | Motion 119, #SP128Motion 119, #SP129 |
| MAC | MLO-General | Po-kai Huang | Young Hoon Kwon, Yonggang Fang, Abhishek Patil, Dibakar Das, Kaiying Lu, Jarkko Kneckt, Yunbo Li, VIGER Pascal, Zhou Lan, Ryuichi Hirata, Sanghyun Kim, Xiaofei Wang, Harry Wang, Gabor Bajko , Chunyu Hu, Liuming Lu, Payam Torab, Namyeong Kim | R1 |  | Motion 23Motion 24Motion 40Motion 111, #SP0611-28 |
| 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, Harry Wang, Gabor Bajko, Chunyu Hu, John Yi, Liuming Lu, Payam Torab | R1 |  | Motion 112, #SP38Motion 108Motion 109Motion 112, #SP4Motion 38Motion 26Motion 25Motion 115, #SP76 Motion 70Motion 115, #SP88Motion 112 # SP40 (authentication)Motion 115, #SP86Motion 115, #SP87Motion 115, #SP94 |
| MAC | MLO-Multi-link setup: Security | Duncan Ho | Po-kai Huang, Insun Jang, 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, Harry Wang, Gabor Bajko, John Yi | R1 |  | Motion 71Motion 111, #SP0611-29Motion 112, #SP40 |
| MAC | MLO-Multi-link setup: ML IE usage/rules in the context | Insun Jang | Po-kai Huang, 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, Harry Wang, Gabor Bajko | R1 | [20/1300r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1300-00-00be-pdt-mac-mlo-multi-link-setup-usage-and-rules-of-ml-ie.docx), uploaded on August 25, 2020 | Motion 115, #SP89 Motion 112, #SP32 Motion 32 Motion 21Motion 68Motion 115, #SP65Motion 112, #SP33 |
| 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, Dibakar Das, Liuming Lu, Guogang Huang, Harry Wang, Gabor Bajko, Yonggang Fang, John Yi | R1 | [20/1256r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1256-00-00be-pdt-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx), uploaded on August 20, 2020[20/1256r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1256-01-00be-pdt-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx), uploaded on August 25, 2020 | Motion 101Motion 105Motion 102Motion 103Motion 112, #SP51Motion 9Motion 112, #SP52 |
| MAC | MLO-TID mapping/Link Management: TID to Link Mapping | Yongho Seok | Laurent Cariou, 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, Dibakar Das, Guogang Huang, Harry Wang, Gabor Bajko, Yonggang Fang, John Yi, Liuming Lu |  (ON HOLD) |  | Motion 54Motion 9 |
| MAC | MLO-Multi-link block ack: Procedure | Abhishek Patil | Liwen Chu, 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, Jonghun Han, Ming Gan, Gabor Bajko, Chunyu Hu, Liuming Lu | R1 |  | Motion 36Motion 67Motion 61Motion 115, #SP85Motion 62Motion 63Motion 115, #SP63Motion 115, #SP64Motion 114Motion 112, #SP26 |
| 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, Jonghun Han, Jason Yuchen Guo, Gabor Bajko, Chunyu Hu, Liuming Lu | R1 |  | Motion 112, #SP7Motion 112, #SP25Motion 112, #SP22Motion 112, #SP23Motion 112, #SP24Motion 37 Motion 112, #SP6Motion 112, #SP27 |
| 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, Jonghun Han, Gabor Bajko, Chunyu Hu, Yonggang Fang, Liuming Lu | Probably basics in R1 (see note). | [20/1292r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1292-00-00be-pdt-mac-mlo-power-save-traffic-indication.docx), uploaded on August 25, 2020[20/1292r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1292-01-00be-pdt-mac-mlo-power-save-traffic-indication.docx), uploaded on August 25, 2020 | Motion 52Motion 106Motion 115, #SP61Motion 115, #SP62Motion 122, #SP157 |
| MAC | MLO-Power save: Power state indication  | Jeongki Kim | Minyoung Park, Abhishek Patil, 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 , Jonghun Han, Gabor Bajko, Chunyu Hu, Liuming Lu, Yonggang Fang | R2(SP result for R1: 63Y, 47N, 36A) |  | Motion 84 |
| MAC | MLO: BSS parameter update | Ming Gan | Minyoung Park, Abhishek Patil, 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 , Jonghun Han, Gabor Bajko, Chunyu Hu, Liuming Lu, Yonggang Fang, Hanseul Hong | Basics in R1  |  | Motion 104 (to be confirmed between Abhi and Ming)Motion 115, #SP101Motion 115, #SP59Motion 115, #SP77 |
| MAC | MLO-Power save: TWT, excluding cross-link power save | Ming Gan | Minyoung Park, Abhishek Patil, 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 , Jonghun Han, Gabor Bajko, Chunyu Hu, Liuming Lu, Yonggang Fang | R1(ON HOLD) |  | Motion 115, #SP60 |
| MAC | MLO-Power save: General and other procedures | Abhishek Patil | Minyoung Park, 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 , Jonghun Han, Gabor Bajko, Chunyu Hu, Yonggang Fang, Liuming Lu | Basics in R1 (see note) | [20/1270r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1270-00-00be-pdt-mac-mlo-power-save-procedures.docx), uploaded on August 24, 2020Visio file, [20/1289r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1289-00-00be-visio-file-for-figure-33-xx-mlo-per-sta-independent-power-state.vsd), uploaded on August 24, 2020 | Motion 51Motion 104Motion 110Motion 112, #SP55Motion 115, #SP62Motion 115, #SP100 |
| MAC | MLO-Multi-link single-radio operation | Minyoung Park | Young Hoon Kwon, Sanghyun Kim | R1 | [20/1291r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1291-00-00be-pdt-mac-mlo-enhanced-multi-link-single-radio-operation.docx), uploaded on August 25, 2020 | Motion 119, #SP125 Motion 119, #SP126 |
| MAC | MLO-Multi-link group addressed data delivery | Kaiying Lu, Ming Gan,Duncan Ho | Po-kai Huang, Jarkko Kneckt, Jeongki Kim, Gabor Bajko | ON HOLD (INCLUDING POCs) |  | Motion 112, #SP37Motion 122, #SP155 |
| MAC | MLO-Multi-link channel access: General (STR) | Insun Jang | 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, Laurent Cariou, Jonghun Han, Youhan Kim, Chunyu Hu, John Yi | Basics in R1 (see note) | [20/1299r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1299-00-00be-pdt-mac-mlo-multi-link-channel-access-str.docx), uploaded on August 25, 2020Visio file, [20/1305r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1305-00-00be-visio-file-for-figure-33-x-channel-access-of-str-mld.vsdx), uploaded on August 25, 2020 | Motion 20 |
| MAC | MLO-Multi-link channel access: General (non-STR) | Matthew Fischer | 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, Laurent Cariou, Jonghun Han, Youhan Kim, Chunyu Hu, John Yi | Basics in R1 (see note) |  | Motion 111, #SP0611-30Motion 111, #SP0611-32 |
| MAC | Multi-link channel access: Capability Signaling | Yunbo Li | 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, Laurent Cariou, Jonghun Han, Youhan Kim, John Yi | Basics in R1 (see note) |  | Motion 46 |
| 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, Laurent Cariou, Jonghun Han, Youhan Kim, Chunyu Hu, John Yi, Hanseul Hong | Basics in R1 (see note) | [20/1271r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1271-00-00be-pdt-mac-mlo-multi-link-channel-access-end-ppdu-alignment.docx), uploaded on August 24, 2020 | Motion 111, #SP0611-31Motion 122, #SP152Motion 122, #SP153Motion 122, #SP154Motion 122, #SP159Motion 122, #SP168 |
| MAC | MLO-Multi-link channel access: STA ID | Yongho Seok |  | R1 |  | Motion #122, #SP160Motion #122, #SP161 |
| MAC | MLO-Multi-link channel access: Synch Start of PPDU | Duncan Ho | Yongho Seok, Yunbo Li, Insun Jang, Matthew Fischer, Akhmetov Dmitry, 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, Laurent Cariou, Jonghun Han, Youhan Kim, John Yi, Hanseul Hong | ON HOLD |  | No motion |
| MAC | MLO-Multi-link channel access: Blindness | Dibakar Das | 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, Laurent Cariou, Jonghun Han, Youhan Kim, Hanseul Hong | ON HOLD |  | No motion |
| MAC | MLO-Discovery: Discovery procedures (including probing) and RNR | Laurent Cariou | Ming Gan, Liwen Chu, Jarkko Kneckt, Namyeong Kim, Cheng Chen, Rojan Chitrakar, Abhishek Patil, Xiaofei Wang, James Yee, Sharan Naribole, Yonggang Fang, Liuming Lu | R1 | [20/1255r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1255-00-00be-pdt-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx), uploaded on August 20, 2020[20/1255r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1255-01-00be-pdt-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx), uploaded on August 25, 2020 | Motion 115, #SP93Motion 115, #SP95Motion 115, #SP96Motion 115, #SP97Motion 119, #SP109Motion 119, #SP127 |
| MAC | MLO-Discovery: ML element structure/general | Abhishek Patil | Laurent Cariou, Ming Gan, Liwen Chu, Jarkko Kneckt, Namyeong Kim, Cheng Chen, Rojan Chitrakar, Xiaofei Wang, James Yee, Yonggang Fang, Liuming Lu, Payam Torab | R1 | [20/1274r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1274-00-00be-mac-pdt-mlo-ml-ie-structure.docx), uploaded on August 24, 2020Visio file, [20/1288r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1288-00-00be-visio-file-for-figure-33-xx-figure-33-xxx-illustration-of-multi-link-element-carrying-per-sta-profile-subelements.vsd), uploaded on August 24, 2020 | Motion 115, #SP98Motion 115, #SP99Motion 115, #SP91Motion 115, #SP92Motion 115, #SP93 (pending for reconfirmation with Laurent)Motion 119, #SP124 |
| MAC | MLO-Discovery: ML IE usage/rules in the context of discovery | Ming Gan | Laurent Cariou, Ming Gan, Liwen Chu, Jarkko Kneckt, Namyeong Kim, Cheng Chen, Rojan Chitrakar, Xiaofei Wang, James Yee, Yonggang Fang, Liuming Lu, Payam Torab | R1 |  | Motion 119, #SP111 |
| MAC  | MLO-Discovery: Multi-BSSID discovery | Liwen Chu | Laurent Cariou, Abhishek Patil,Ming Gan, Jarkko Kneckt, Namyeong Kim, Cheng Chen, Rojan Chitrakar, James Yee, Sharan Naribole, Yonggang Fang, Liuming Lu | R1 |  | No explicit motionbut Motion 115, #SP63 and Motion 115, #SP64 are related. |
| MAC | MLO-Multi-BSSID Operation | Abhishek Patil | Laurent Cariou, Liwen Chu, Jarkko Kneckt, Insun Jang,VIGER Pascal, Pooya Monajemi, Rojan Chitrakar Xin Zuo, James Yee, Ming Gan, Liuming Lu | R1 | [20/1272r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1272-00-00be-pdt-mac-mlo-multiple-bssid-procedure.docx), uploaded on August 24, 2020Visio files, [20/1285r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1285-00-00be-visio-file-for-figure-aa6.vsd) and [20/1286r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1286-00-00be-visio-file-for-aa7.vsd), uploaded on August 24, 2020 | Motion 112, #SP34Motion 112, #SP35Motion 112, #SP36Motion 112, #SP50 |
| MAC | MLO-Retransmissions | Rojan Chitrakar | Abhishek Patil, Jason Yuchen Guo, Jonghun, Han | R1 | [20/1261r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1261-00-00be-pdt-mac-mlo-retransmissions.docx), uploaded on August 25, 2020 | Motion 61Motion 115-SP85 |
| MAC | Multi-band and multichannel aggregation and operation General | Duncan Ho | Minyoung Park, Jarkko Kneckt, Tomo Adachi, Payam Torab, Stephen McCann, Yunbo Li, John Yi | ON HOLD |  | No motion |
| Joint | Spatial stream and MIMO protocol enhancement-General | Wook Bong Lee | Minyoung Park, Yanjun Sun, Stephen McCann, Youhan Kim, Chenchen Liu | ON HOLD |  | No motion |
| Joint | Spatial stream and MIMO protocol enhancement-16 spatial stream operation | Wook Bong Lee | Junghoon Suh, Yanjun Sun, Chenchen Liu | R2 |  | Motion 65Motion 66 Motion 112, #SP15Motion 112, #SP47 |
| Joint-MAP | SP4: Which option do you prefer:* Option 1: All MAP features in R1 (unless those already decided to be in R2)
* Option 2: All MAP features in R2
* Option 3: Abstain

Result: 53 for Option 1, 58 for Option 2, 17 Abstain |
| Joint | MAP-Setup | Taewon Song | Chen Cheng, George Cherian, Guogang Huang, Kosuke Aio, VIGER Pascal, Yonggang Fang, Jay Yang, Yusuke Tanaka, Oren Kedem, Xiaofei Wang, Stephen McCann, Po-kai Huang, Matthew Fischer, Chunyu Hu, Liuming Lu | R2(SP result for R1: 48Y, 46N, 20A) |  |  |
| Joint | MAP-access and TXOP sharing | George Cherian  | Taewon Song, Chen Cheng, Guogang Huang, Kosuke Aio, VIGER Pascal, Yonggang Fang, Jay Yang, Yusuke Tanaka, Oren Kedem, Xiaofei Wang, Stephen McCann, Po-kai Huang, Matthew Fischer, Chunyu Hu, Liuming Lu | R2(SP result for R1: 52Y, 59N, 13A) |  |  |
| Joint | MAP-Group Management | Chen Cheng  | Taewon Song, George Cherian,Guogang Huang, Kosuke Aio, VIGER Pascal, Yonggang Fang, Jay Yang, Yusuke Tanaka, Oren Kedem, Xiaofei Wang, Stephen McCann, Po-kai Huang, Matthew Fischer, Chunyu Hu, Liuming Lu | R2(SP result for R1: 48Y, 56N, 18A) |  | Motion 55 |
| Joint | MAP-Channel sounding | Junghoon Suh |  Lei Huang, Kosuke Aio, Stephen McCann, Matthew Fischer, Myeongjin Kim | R1/R2?(ON HOLD) |  | Motion 14Motion 15Motion 112, #SP18Motion 112, #SP19Motion 119, #SP119 |
| Joint | MAP-Coordinated transmission | George Cherian | Jason Yuchen Guo, Rojan Chitrakar, Arik Klein, Kosuke Aio, BARON Stephane, VIGER Pascal, NEZOU Patrice, Thomas Handte, Matthew Fischer, Chunyu Hu, Xiaofei Wang, Chen Cheng, Stephen McCann, Po-kai Huang, Yongho Seok, Taewon Song, Matthew Fischer, Yonggang Fang, Liuming Lu | R1/R2?(ON HOLD) |  |  |
| Joint | MAP-Other Multi-AP coordination schemes – Coordinated SR | Yongho Seok | Jason Yuchen Guo, Kosuke Aio, Stephen McCann, Jonghun Han, Taewon Song, Matthew Fischer, Jonas Sedin | R1/R2=TBD(ON HOLD) |  | Motion 111, #SP0611-35 |
| Joint | MAP-Other Multi-AP coordination schemes – Joint Transmissions | Jason Yuchen Guo | Yongho Seok, Kosuke Aio, Stephen McCann, Taewon Song, Matthew Fischer, Wook Bong Lee, Jonas Sedin, Yonggang Fang | R2 |  | Motion 111, #SP0611-36 |
| Joint | MAP-Other Multi-AP coordination schemes – Coordinated Beamforming | Jason Yuchen Guo,  | Yongho Seok, Kosuke Aio, Stephen McCann, Taewon Song, Matthew Fischer, Wook Bong Lee, Jonas Sedin | R2 |  | Motion 112, #SP17 |
| Note – Even though a particular topic is listed as Release 1 it does not necessarily mean that all underlying motions are in Release 1. |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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, Liangxiao Xin, Jonghun Han, Taewon Song, Mark Rison, Guogang Huang, Yonggang Fang | ON HOLD (INCLUDING POCs) |  | Motion 112, #SP49 |
| MAC | Link latency measurement and report in MLO | Frank Hsu | Akira Kishida, Xin Zuo, Dibakar Das | ON HOLD | [20/1264r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1267-00-00be-pdt-mac-link-latency-measurement-and-report-in-mlo.docx) uploaded on August 24, 2020. | Motion 119, SP#110 |
| Layer management | MLME SAP interface\* | Yonggang Fang |  | ON HOLD |  | No motion |
| \* Rows that are pending until at least one motion passes on this topic. Currently there is only SP(s) in the compendium SPs document but no motion in the SFD in this topic. |

# 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).

# Guideline - R1 vs R2 categorization

* If a motion present in the SFD is explicitly mentioning Release 1 then members (POCs and TTTs) can initiate work on spec text drafting for that topic.
* If a motion present in the SFD is not explicitly mentioning Release 1 or Release 2 then have a straw poll as to whether to include that concept in Release 1.
	+ If the straw poll passes, then the concept is assumed to be in Release 1. Members (POCs and TTTs) can initiate work on spec text drafting for D0.1).
	+ If the straw poll fails, then the concept is assumed to be in Release 2. Straw poll can be run again in a future conference call if there is an expectation that consensus has been reached. It is still okay to have POCs and TTTs as a reference but spec contributions on that concept will not be entertained for inclusion in D0.1.
* If a motion present in the SFD is explicitly mentioning R2 spec text for that particular concept will not be entertained for inclusion in D0.1. It is still okay to have POCs and TTTs as a reference. Spec text contributions for Release 2 will be entertained for a subsequent draft (details are work in progress).

Feedback received from members on Guideline for R1 vs R2 categorizatoin:

* Q: Tight timeline. Should not discuss R2 during R1 period (for draft spec texting).
	+ A: This is one of the intentions of this guideline. In addition, it aims to avoid distractions during the spec text development that may arise from R1 vs R2 discussions. This way members can focus on technical content rather than categorization.
* Q: If a topic is simple then it should be clear for R1.
	+ A: In principle that is okay, however the group is expected to determine what topic is defined as simple during the R1 vs. R2 categoriation phase.
* Q: Suggest following motion of January for which topic falls in R1 and R2.
	+ A: Current approach is inline with past agreements (e.g., please refer to current status of MAC topics). However, it also aims to clearly categorize those topics that have an ambiguous classification.
* Q: The group should follow guideline strictly so that to avoid misinterpretation.
	+ A: That is the intention.
* Q: Maybe have 50% threshold for SPs?
	+ Issue with the 50 % threshold is that it is not the same as the 75% threshold that we use for motions. Hence, it does not provide the targeted clarity for R1 vs R2 categorization at an early stage. This is because while the SP may pass with a 50 % threshold, that would not be enough for a motion on that subject to pass at a later stage.
* Q: If there are not many motions in a category then implicitly in R1
	+ A: It really depends on how mature the topic is. In some cases, a limited number of motions in a topic can indicate a simple concept which is mature but in other cases it indicates that the development for that concept is at its early stages.