IEEE P802.11
Wireless LANs

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| TGbe 2019 August and September teleconference agendas |
| Date: 2019-07-25 |
| Author(s): |
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Abstract

This document contains the draft agenda for the August and September 2019 TGbe teleconferences.

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Updated with changes prior to the first conf call.
* Rev 2: Updated with changes after the first conf call. Provided links for each presentation (for those that are available) in both the Technical Presentations’ List and the conference calls’ technical submissions item. Added the list of technical submissions to be discussed in the second conf call.
* Rev 3: Updated with changes after the second conf call. Added the list of technical submissions to be discussed in the third conf call.
* Rev 4: Updated with changes prior to the third conf call.
* Rev 5: Updated with additional changes prior to and after the third call. Added the list of technical submissions to be discussed in the fourth conf call. Added a guideline section for running straw polls during conf calls.
* Rev 6: Updated with additional changes prior to and after the fourth call. Added the list of technical submissions to be discussed in the fifth conf call.
* Rev 7: Updated with additional changes prior to and after the fifth call. Added the list of technical submissions to be discussed in the sixth conf call.
* Rev 8: Updated with additional changes prior to and after the sixth call. Added the list of technical submissions to be discussed in the seventh conf call.
* Rev 9: Fixed copy/paste typos in the technical submission list for the seventh conf call.
* Rev 10: Updated with additional changes prior to the seventh conf call.
* Rev 11: Updated with final changes after the last (seventh) conf call.

## Teleconferences Overview

TGbe will hold 7 teleconferences before the September 2019 F2F for discussing technical presentations:

* **August 1st (Thursday), 19:30-22:00 ET**
* **August 8th (Thursday), 10:00-12:30 ET**
* **August 15th (Thursday), 19:30-22:00 ET**
* **August 22nd (Thursday), 10:00-12:30 ET**
* **August 29th (Thursday), 19:30-22:00 ET**
* **September 5th (Thursday), 10:00-12:30 ET**
* **September 12th (Thursday), 19:30-22:00 ET**

We’ll use the [join.me](http://join.me) bridge:  <https://join.me/ieee802.11>, see <http://grouper.ieee.org/groups/802/11/joinme.html> for more detailed instructions.

## Technical Presentations’ List

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Topic** |
| [0762r1](https://mentor.ieee.org/802.11/dcn/19/11-19-0762-01-00be-latency-analysis-for-eht.pptx) | Latency analysis for EHT | Suhwook Kim | Presented (0 SP) | Low-Lat |
| [1118r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1118-01-00be-enhancements-for-time-critical-data-transmission.pptx) | Enhancements for Time-Critical Data TX | Thomas Handte | Presented (0 SP) | Low-Lat |
| [1175r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1175-00-00be-considerations-of-new-queue-mechanisms-for-real-time-applications.pptx) | Cons. of new queue mechanisms 4 real-time apps | Kate Meng Xing | Presented (0 SP) | Low-Lat |
| [1207r4](https://mentor.ieee.org/802.11/dcn/19/11-19-1207-04-00be-views-on-latency-and-jitter-features-in-tgbe.pptx) | Views on Latency and Jitter Features in TGbe | Akira Kishida | Presented (0 SP) | Low-Lat |
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| [0806r2](https://mentor.ieee.org/802.11/dcn/19/11-19-0806-02-00be-enabling-persistent-allocation-for-eht.pptx) | Enabling persistent allocation for EHT | Lei Huang | Presented (0 SP) | MAC |
| [1117r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1117-00-00be-direct-link-mu-transmissions.pptx) | Direct Link MU transmissions | Stephane Baron | Presented (0 SP) | MAC |
| [1242r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1242-00-00be-wider-bandwidth-channel-access-in-eht.pptx) | Wider Bandwidth Channel Access in EHT | Woojin Ahn | Presented (0 SP) | MAC |
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| [1089r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1089-00-00be-joint-transmissions-backhaul-and-gain-state-issues.pptx) | Joint TXs, Backhaul and Gain State Issues | Sameer Vermani | Presented (0 SP) | Multi-AP |
| [1092r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1092-01-00be-evaluation-of-joint-transmission.pptx) | Evaluation of the Joint Transmission | Xiaogang Chen | Presented (0 SP) | Multi-AP |
| [1094r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1094-00-00be-joint-bf-simulations.pptx) | Joint BF simulations | Sudhir Srinivasa | Presented (0 SP) | Multi-AP |
| [1096r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1096-00-00be-multi-ap-feature-discussion.pptx) | Multi-AP feature discussion | Yonggang Fang | Presented (0 SP) | Multi-AP |
| [1097r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1097-00-00be-sounding-procedure-in-ap-collaboration.pptx) | Sounding procedure in AP collaboration | Ross Jian Yu | Presented (0 SP) | Multi-AP |
| [1102r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1102-00-00be-a-unified-transmission-procedure-for-multi-ap-coordination.pptx) | A unified TX procedure for multi-AP coordination | Jason Y. Guo | Presented (0 SP) | Multi-AP |
| [1129r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1129-00-00be-consideration-on-multi-ap-coordination.pptx) | Consideration on multi-AP coordination | Nan Li | Presented (0 SP) | Multi-AP |
| [1134r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1134-01-00be-consideration-of-multi-ap-sounding.pptx) | Consideration of Multi-AP Sounding | Kosuke Aio | Presented (0 SP) | Multi-AP |
| [1143r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1143-00-00be-efficient-operation-for-multi-ap-coordination.pptx) | Efficient Operation for Multi-AP Coordination | Sungjin Park | Presented (0 SP) | Multi-AP |
| [1212r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1212-00-00be-performance-of-coordinated-null-steering-in-802-11be.pptx) | Performance of Coordinated Null Steering in 11be  | David L. Perez | Presented (0 SP) | Multi-AP |
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| [1085r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1085-00-00be-high-level-eht-preamble-structure.pptx) | High Level EHT Preamble Structure | Rui Cao | Presented (0 SP) | PHY |
| [1126r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1126-00-00be-enhanced-resource-unit-allocation-schemes-for-11be.pptx) | Enhanced Resource Unit alloc. schemes for 11be | Jianhan Liu | Presented (0 SP) | PHY |
| [1214r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1214-00-00be-preamble-design-consideration-for-802-11be.pptx) | Preamble Design Consideration for 802.11be | Rui Yang | Presented (0 SP) | PHY |
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| [0818r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0818-00-00be-discussion-on-multi-band-operation.pptx) | Discussion on Multi-band operation | Ryuichi Hirata | Presented (0 SP) | Multi-Link |
| [0821r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0821-01-00be-multiple-band-discussion.pptx) | Multi-band discussion | Liwen Chu | Presented (May) | Multi-Link |
| [0823r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0823-00-00be-multi-link-aggregation.pptx) | Multi-Link Aggregation | Abhishek Patil | Presented (May) | Multi-Link |
| [0951r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0951-00-00be-discussion-on-multi-band-multi-channel-access-method.pptx) | Discussion on Multi-band/channel Access Method | Liuming Lu  | Presented (0 SP) | Multi-Link |
| [0979r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0979-00-00be-multi-link-operation-follow-up.pptx) | Multi-link Operation Follow-up | Yongho Seok | Presented (0 SP) | Multi-Link |
| [1081r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1081-00-00be-multi-link-aggregation-gain-analysis-latency.pptx) | Multi-Link Aggregation - Gain Analysis (Latency) | Abhishek Patil | Presented (0 SP) | Multi-Link |
| [1082r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1082-00-00be-multi-link-operation-dynamic-tid-transfer.pptx) | Multi-link Operation: Dynamic TID Transfer | Abhishek Patil  | Presented (0 SP) | Multi-Link |
| [1095r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1095-00-00be-multi-link-requirement-discussion.pptx) | Multi-link requirement discussion | Yonggang Fang | Presented (0 SP) | Multi-Link |
| [1100r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1100-01-00be-per-packet-multiple-link-selection.pptx) | Per Packet Multiple Link Selection | Alan Jauh | Presented (0 SP) | Multi-Link |
| [1101r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1101-01-00be-conditional-packet-duplication-in-multiple-link-system.pptx) | Conditional Packet Dup. in Multiple Link System | Alan Jauh | Presented (0 SP) | Multi-Link |
| [1116r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1116-00-00be-channel-access-in-multi-band-operation.pptx) | Channel access in multi-band operation | Yunbo Li | Presented (0 SP) | Multi-Link |
| [1128r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1128-00-00be-multi-link-transmission.pptx) | Multi-link transmission | Rojan Chitrakar | Presented (0 SP) | Multi-Link |
| [1144r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1144-00-00be-channel-access-for-multi-link-operation.pptx) | Channel Access for Multi-link Operation | Insun Jang | Presented (0 SP) | Multi-Link |
| 1159r0 | Multilink operation capability announcement | Liwen Chu | Not Present? | Multi-Link |
| [1181r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1181-00-00be-consideration-on-multi-link-operation.pptx) | Consideration on Multi-link operation | Yongsu Gwak | Presented (0 SP) | Multi-Link |
| [1213r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1213-00-00be-discussion-on-multi-link-operations.pptx) | Discussion on Multi-link Operations | Xiaofei WANG | Presented (0 SP) | Multi-Link |
| [1231r2](https://mentor.ieee.org/802.11/dcn/19/11-19-1231-02-00be-multiband-and-multichannel-operation-in-ieee-802-11be.pptx) | Multiband and Multichannel Operation in 11be | Sai Shankar | Resched (F2F) | Multi-Link |
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| [1038r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1038-01-00be-harq-with-a-mpdu.pptx) | HARQ with A-MPDU | Shimi Shilo | Presented (0 SP) | HARQ |
| [1078r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1078-00-00be-harq-simulation-results.pptx) | HARQ Simulation Results | S. Shellhammer | Presented (0 SP) | HARQ |
| [1079r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1079-00-00be-harq-gains-with-overhead-considered.pptx) | HARQ Gains with Overhead Considered | S. Shellhammer | Presented (0 SP) | HARQ |
| [1080r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1080-00-00be-harq-complexity.pptx) | HARQ Complexity | S. Shellhammer | Out of Time | HARQ |
| 1093r0 | HARQ for 802.11be | Imran Latif | Resched (F2F) | HARQ |
| [1098r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1098-00-00be-acknowledgement-for-harq-transmission.pptx) | Acknowledgement for HARQ transmission | Ming Gan | Out of Time | HARQ |
| [1131r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1131-00-00be-consideration-on-harq-unit.pptx) | Consideration on HARQ unit | Taewon Song | Presented (0 SP) | HARQ |
| [1132r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1132-00-00be-channel-coding-issue-in-harq.pptx) | Channel coding issue in HARQ | Jinmin Kim | Out of Time | HARQ |
| 1133r0 | Some results on HARQ perf. in dense deployments | Leif Wilhelmsson | Out of Time | HARQ |
| 1146r0 | HARQ punctured CC performance evaluation | Yanyi DING | Out of Time | HARQ |
| [1172r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1172-00-00be-discussion-on-harq.pptx) | Discussion on HARQ | Wook Bong Lee | Out of Time | HARQ |
| 1196r0 | Combined HARQ and Rate Adaptation | Sebastian Max | Out of Time | HARQ |
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## Teleconference Agendas

### 1st Conf. Call: August 1st (19:30 – 22:00 ET)

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
	+ **Patent Policy: Ways to inform IEEE:**
		- Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or
		- Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
		- Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
	+ Please send an e-mail to Dennis Sundman (dennis.sundman@ericsson.com)
* Announcements: *None.*
* Technical Submissions:
	+ [0762r1](https://mentor.ieee.org/802.11/dcn/19/11-19-0762-01-00be-latency-analysis-for-eht.pptx)–Latency analysis for EHT (Suhwook Kim)
	+ [1175r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1175-00-00be-considerations-of-new-queue-mechanisms-for-real-time-applications.pptx)–Considerations of new queue mechanisms 4 real-time applications (Kate Meng Xing)
	+ [1207r4](https://mentor.ieee.org/802.11/dcn/19/11-19-1207-04-00be-views-on-latency-and-jitter-features-in-tgbe.pptx)–Views on Latency and Jitter Features in TGbe (Akira Kishida)
	+ [0806r2](https://mentor.ieee.org/802.11/dcn/19/11-19-0806-02-00be-enabling-persistent-allocation-for-eht.pptx)–Enabling persistent allocation for EHT (Lei Huang)
	+ [1242r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1242-00-00be-wider-bandwidth-channel-access-in-eht.pptx)–Wider Bandwidth Channel Access in EHT (Woojin Ahn)

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* + [1089r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1089-00-00be-joint-transmissions-backhaul-and-gain-state-issues.pptx)–Joint TXs, Backhaul and Gain State Issues (Sameer Vermani)
	+ [1092r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1092-01-00be-evaluation-of-joint-transmission.pptx)–Evaluation of the Joint Transmission (Xiaogang Chen)
	+ [1094r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1094-00-00be-joint-bf-simulations.pptx)–Joint BF simulations (Sudhir Srinivasa)
	+ [1096r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1096-00-00be-multi-ap-feature-discussion.pptx)–Multi-AP feature discussion (Yonggang Fang)
	+ [1097r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1097-00-00be-sounding-procedure-in-ap-collaboration.pptx)–Sounding procedure in AP collaboration (Ross Jian Yu)
* AoB – None.
* Adjourn

### 2nd Conf. Call: August 8th (10:00 – 12:30 ET)

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
	+ **Patent Policy: Ways to inform IEEE:**
		- Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or
		- Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
		- Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
	+ Please send an e-mail to Dennis Sundman (dennis.sundman@ericsson.com)
* Announcements: None.
* Technical Submissions:
	+ [1118r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1118-01-00be-enhancements-for-time-critical-data-transmission.pptx)–Enhancements for Time-Critical Data Transmissions (Thomas Handte)
	+ [1089r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1089-00-00be-joint-transmissions-backhaul-and-gain-state-issues.pptx)–Joint TXs, Backhaul and Gain State Issues (Sameer Vermani)
	+ [1092r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1092-01-00be-evaluation-of-joint-transmission.pptx)–Evaluation of the Joint Transmission (Xiaogang Chen)
	+ [1094r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1094-00-00be-joint-bf-simulations.pptx)–Joint BF simulations (Sudhir Srinivasa)-Not Present
	+ [1096r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1096-00-00be-multi-ap-feature-discussion.pptx)–Multi-AP feature discussion (Yonggang Fang)
	+ [1097r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1097-00-00be-sounding-procedure-in-ap-collaboration.pptx)–Sounding procedure in AP collaboration (Ross Jian Yu)
	+ [1102r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1102-00-00be-a-unified-transmission-procedure-for-multi-ap-coordination.pptx)–A unified TX procedure for multi-AP coordination (Jason Y. Guo)
	+ [1129r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1129-00-00be-consideration-on-multi-ap-coordination.pptx)–Consideration on multi-AP coordination (Nan Li)

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* + [1134r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1134-00-00be-consideration-of-multi-ap-sounding.pptx)–Consideration of Multi-AP Sounding (Kosuke Aio)
	+ [1143r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1143-00-00be-efficient-operation-for-multi-ap-coordination.pptx)–Efficient Operation for Multi-AP Coordination (Sungjin Park)
* AoB - None.
* Adjourn

### 3rd Conf. Call: August 15th (19:30 – 22:00 ET)

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
	+ **Patent Policy: Ways to inform IEEE:**
		- Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or
		- Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
		- Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
	+ Please send an e-mail to Dennis Sundman (dennis.sundman@ericsson.com)
* Announcements:
	+ The press release announcing approval of P802.11be (TGbe) is posted [here](https://mentor.ieee.org/802.11/dcn/19/11-19-1395-00-0000-press-release-for-tgbe.docx).
	+ Please send an e-mail to the WG chair, Dorothy Stanley (dstanley1389@gmail.com), if you have any questions
	+ We plan to have ad-hoc creation discussions in September. An e-mail with additional information to the TGbe reflector will follow up soon.
* Technical Submissions:
	+ [1094r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1094-00-00be-joint-bf-simulations.pptx)–Joint BF simulations (Sudhir Srinivasa)
	+ [1134r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1134-01-00be-consideration-of-multi-ap-sounding.pptx)–Consideration of Multi-AP Sounding (Kosuke Aio)
	+ [1143r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1143-00-00be-efficient-operation-for-multi-ap-coordination.pptx)–Efficient Operation for Multi-AP Coordination (Sungjin Park)
	+ [1212r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1212-00-00be-performance-of-coordinated-null-steering-in-802-11be.pptx)–Performance of Coordinated Null Steering in 11be (D. L. Perez)->Aug 22
	+ 1085r0–High Level EHT Preamble Structure (Rui Cao)->Aug 29
	+ [1126r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1126-00-00be-enhanced-resource-unit-allocation-schemes-for-11be.pptx)–Enhanced RU alloc. schemes for 11be (Jianhan Liu)->Aug 22
	+ [1214r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1214-00-00be-preamble-design-consideration-for-802-11be.pptx)–Preamble Design Consideration for 802.11be (Rui Yang)
	+ [0818r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0818-00-00be-discussion-on-multi-band-operation.pptx)–Discussion on Multi-band operation (Ryuichi Hirata)
	+ [0821r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0821-01-00be-multiple-band-discussion.pptx)–Multi-band discussion (Liwen Chu)–>Presented in May (SP in Sept F2F)

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* + [0951r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0951-00-00be-discussion-on-multi-band-multi-channel-access-method.pptx)–Discussion on Multi-band/channel Access Method (Liuming Lu)
	+ [0979r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0979-00-00be-multi-link-operation-follow-up.pptx)–Multi-link Operation Follow-up (Yongho Seok))->Aug 22
	+ 1081r0 Multi-Link Aggregation - Gain Analysis (Latency) (Abhishek Patil )
	+ 1082r0 Multi-link Operation: Dynamic TID Transfer (Abhishek Patil)
* AoB: None.
* Adjourn

### 4th Conf. Call: August 22nd (10:00 – 12:30 ET)

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
	+ **Patent Policy: Ways to inform IEEE:**
		- Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or
		- Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
		- Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
	+ Please send an e-mail to Dennis Sundman (dennis.sundman@ericsson.com)
* Announcements: None.
* Technical Submissions:
	+ [1117r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1117-00-00be-direct-link-mu-transmissions.pptx)–Direct Link MU transmissions (Stephane Baron)
	+ [1212r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1212-00-00be-performance-of-coordinated-null-steering-in-802-11be.pptx)–Performance of Coordinated Null Steering in 11be (David L. Perez)
	+ [1126r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1126-00-00be-enhanced-resource-unit-allocation-schemes-for-11be.pptx)–Enhanced Resource Unit allocation schemes for 11be (Jianhan Liu)
	+ [0951r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0951-00-00be-discussion-on-multi-band-multi-channel-access-method.pptx)–Discussion on Multi-band/channel Access Method (Liuming Lu)->Resch.
	+ [0979r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0979-00-00be-multi-link-operation-follow-up.pptx)–Multi-link Operation Follow-up (Yongho Seok)
	+ [1081r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1081-00-00be-multi-link-aggregation-gain-analysis-latency.pptx)–Multi-Link Aggr.-Gain Analysis (Latency) (Abhishek Patil)->Aug 29
	+ [1082r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1082-00-00be-multi-link-operation-dynamic-tid-transfer.pptx)–Multi-link Operation: Dynamic TID Transfer (Abhishek Patil)

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* + [1095r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1095-00-00be-multi-link-requirement-discussion.pptx)–Multi-link requirement discussion (Yonggang Fang)
	+ [1100r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1100-01-00be-per-packet-multiple-link-selection.pptx)–Per Packet Multiple Link Selection (Alan Jauh)
	+ [1101r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1101-01-00be-conditional-packet-duplication-in-multiple-link-system.pptx)–Conditional Packet Dup. in Multiple Link System (Alan Jauh)
* AoB: None.
* Adjourn

### 5th Conf. Call: August 29th (19:30 – 22:00 ET)

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
	+ **Patent Policy: Ways to inform IEEE:**
		- Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or
		- Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
		- Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
	+ Please send an e-mail to Dennis Sundman (dennis.sundman@ericsson.com)
* Announcements: None.
* Technical Submissions:
	+ [1085r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1085-00-00be-high-level-eht-preamble-structure.pptx)–High Level EHT Preamble Structure (Rui Cao)
	+ [0951r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0951-00-00be-discussion-on-multi-band-multi-channel-access-method.pptx)–Discussion on Multi-band/channel Access Method (Liuming Lu)
	+ [1081r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1081-00-00be-multi-link-aggregation-gain-analysis-latency.pptx)–Multi-Link Aggregation - Gain Analysis (Latency) (Abhishek Patil)
	+ [1095r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1095-00-00be-multi-link-requirement-discussion.pptx)–Multi-link requirement discussion (Yonggang Fang)
	+ [1100r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1100-01-00be-per-packet-multiple-link-selection.pptx)–Per Packet Multiple Link Selection (Alan Jauh)
	+ [1101r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1101-01-00be-conditional-packet-duplication-in-multiple-link-system.pptx)–Conditional Packet Dup. in Multiple Link System (Alan Jauh)

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* + [1116r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1116-00-00be-channel-access-in-multi-band-operation.pptx)–Channel access in multi-band operation (Yunbo Li)
	+ [1128r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1128-00-00be-multi-link-transmission.pptx)–Multi-link transmission (Rojan Chitrakar)
	+ [1144r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1144-00-00be-channel-access-for-multi-link-operation.pptx)–Channel Access for Multi-link Operation (Insun Jang)
	+ 1159r0–Multilink operation capability announcement (Liwen Chu)
* AoB: None.
* Adjourn

### 6th Conf. Call: September 5th (10:00 – 12:30 ET)

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
	+ **Patent Policy: Ways to inform IEEE:**
		- Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or
		- Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
		- Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
	+ Please send an e-mail to Dennis Sundman (dennis.sundman@ericsson.com)
* Announcements: Reschedule 1159r0 to next week. No other announcements.
* Technical Submissions:
	+ [1116r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1116-00-00be-channel-access-in-multi-band-operation.pptx)–Channel access in multi-band operation (Yunbo Li)
	+ [1128r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1128-00-00be-multi-link-transmission.pptx)–Multi-link transmission (Rojan Chitrakar)
	+ [1144r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1144-00-00be-channel-access-for-multi-link-operation.pptx)–Channel Access for Multi-link Operation (Insun Jang)
	+ 1159r0–Multilink operation capability announcement (Liwen Chu)-09/12
	+ [1181r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1181-00-00be-consideration-on-multi-link-operation.pptx)–Consideration on Multi-link operation (Yongsu Gwak)
	+ [1213r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1213-00-00be-discussion-on-multi-link-operations.pptx)–Discussion on Multi-link Operations (Xiaofei WANG)

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* + [1231r2](https://mentor.ieee.org/802.11/dcn/19/11-19-1231-02-00be-multiband-and-multichannel-operation-in-ieee-802-11be.pptx)–Multiband and Multichannel Operation in 11be (Sai Shankar)
	+ [1038r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1038-01-00be-harq-with-a-mpdu.pptx)–HARQ with A-MPDU (Shimi Shilo)
	+ [1078r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1078-00-00be-harq-simulation-results.pptx)–HARQ Simulation Results (S. Shellhammer)
	+ [1079r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1079-00-00be-harq-gains-with-overhead-considered.pptx)–HARQ Gains with Overhead Considered (S. Shellhammer)
* AoB: None.
* Adjourn

### 7th Conf. Call: September 12th (19:30 – 22:00 ET)

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
	+ **Patent Policy: Ways to inform IEEE:**
		- Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or
		- Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
		- Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
	+ Please send an e-mail to Dennis Sundman (dennis.sundman@ericsson.com)
* Announcements:
* Technical Submissions:
	+ 1159r0–Multilink operation capability announcement (Liwen Chu)
	+ [1038r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1038-01-00be-harq-with-a-mpdu.pptx)–HARQ with A-MPDU (Shimi Shilo)
	+ [1078r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1078-00-00be-harq-simulation-results.pptx)–HARQ Simulation Results (S. Shellhammer)
	+ [1079r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1079-00-00be-harq-gains-with-overhead-considered.pptx)–HARQ Gains with Overhead Considered (S. Shellhammer)
	+ [1098r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1098-00-00be-acknowledgement-for-harq-transmission.pptx)–Acknowledgement for HARQ transmission (Ming Gan)
	+ [1131r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1131-00-00be-consideration-on-harq-unit.pptx)–Consideration on HARQ unit (Taewon Song)

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* + [1132r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1132-00-00be-channel-coding-issue-in-harq.pptx)–Channel coding issue in HARQ (Jinmin Kim)
	+ [1080r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1080-00-00be-harq-complexity.pptx)–HARQ Complexity (S. Shellhammer)
	+ 1133r0–Some results on HARQ perf. in dense deployments (Leif Wilhelmsson)
	+ 1146r0 HARQ punctured CC performance evaluation (Yanyi DING)
* AoB:
* Adjourn

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## Teleconference Policies and Procedures

Teleconferences are subject to applicable policies and procedures, see below.

•       IEEE Code of Ethics

–       <https://www.ieee.org/about/corporate/governance/p7-8.html>

•       IEEE Standards Association (IEEE-SA) Affiliation FAQ

–       <https://standards.ieee.org/faqs/affiliation.html>

•       Antitrust and Competition Policy

–       <https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/antitrust.pdf>

•       IEEE-SA Patent Policy

–       <http://standards.ieee.org/develop/policies/bylaws/sect6-7.html>

–       <https://standards.ieee.org/about/sasb/patcom/>

 •       IEEE 802 Working Group Policies &Procedures (29 Jul 2016)

–       <http://www.ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf>

•       IEEE 802 LMSC Chair's Guidelines (Approved 13 Jul 2018)

–       <https://mentor.ieee.org/802-ec/dcn/17/ec-17-0120-27-0PNP-ieee-802-lmsc-chairs-guidelines.pdf>

•       Participation in IEEE 802 Meetings

–       <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>

•       IEEE 802.11 WG OM: (Approved 10 Nov 2017)

–       <https://mentor.ieee.org/802.11/dcn/14/11-14-0629-22-0000-802-11-operations-manual.docx>

## Guideline-Running StrawPolls

1. Use ePoll system; Finalize SP wording.
	* Approve (YES)/Disapprove (NO)/Abstain are the only options
2. Link to poll will be put in chat window at time of SP
3. Members on call indicate their preference
4. Poll closed after 2 minute window (or so)
5. Must have internet access and be on the call to participate
6. Results reported

Note: This is the first time that such a system is being used for this purpose and as such we will learn/adjust as we go.

## References: