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**IEEE P802.19**  
**Wireless Coexistence**

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Project IEEE P802.19 Wireless Coexistence WG

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Title **Compendium of Comment Resolution Committee Teleconference Minutes**

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Date Submitted December 2, 2020

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Source Benjamin A. Rolfe  
Blind Creek Associates E-mail: Ben.Rolfe @ ieee.org

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Re: Task Group 3 Comment Resolution Committee

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Abstract Collects together the minutes from each CRC teleconference call into one convenient document.

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Purpose Provide the meeting minutes for easy reference.

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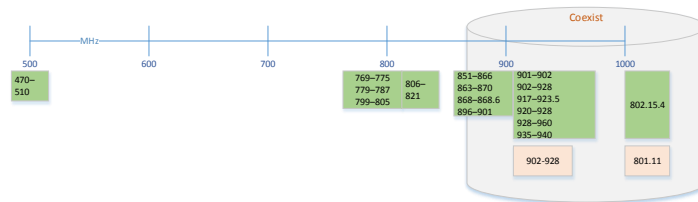
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# Sub-1GHz Coexistence Task Group Comment Resolution Committee Compendium of Teleconference Minutes



This document contains the collected minutes from the Comment Resolution Committee (CRC) calls which commenced with formation of the CRC by the Working Group in May, 2020. The CRC meets in between meetings of the full Working Group.

The year 2020 was unusual in that following the wireless interim meeting in January, there were no face to face 802 meetings for the remainder of the year. The Working Group (802.19) elected not to hold virtual interim sessions. The Working Group met during the July and November virtual 802 plenary meetings. For minutes of task group meetings held during these plenary meetings see the following:

July task group minutes	<a href="#">See document 19-20-0035-00</a>
November task group minutes	<a href="#">See document 19-20-0053-00</a>

## Wed, May 13, 2020

Called to order 0702 PDT.

### Attendance

<b>CRC Roll Call</b>	<b>May 13, 2020</b>
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Takenori Sumi	Yes
Shoichi Kitazawa	Yes
Joerg Robert	Yes
<b>Quorum</b>	<b>Yes</b>

Other: None.

Quorum is met.

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0011r00 "Meeting Preamble").

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

Agenda:

1. Meeting Preamble
2. Review comments received on 2nd recirculation
3. Next steps
4. AoB

Following neither discussion nor objection, agenda is approved by unanimous consent.

## Review of comments received

Reviewed and had discussion of comments in Document 802.19-20/0015r0

<https://mentor.ieee.org/802.19/dcn/20/19-20-0015-00-0003-second-wg-recirculation-comments.xlsx>

Editorial comments to be reviewed by Technical Editor, who will identify any requiring discussion.

Technical and General worked on by the group and assigned to volunteers for resolution. Results of work captured in Document 802.19-20/0015r1.

<https://mentor.ieee.org/802.19/dcn/20/19-20-0015-01-0003-second-wg-recirculation-comments.xlsx>

## Next Steps

Plan: Assignees to work and report on reflector and next call per assignments in 802.19-20/0015r1.

## AoB

None

## Adjourned

Having reached the end of the agenda, meeting adjourned 0803 PDT.



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## Wed, May 20, 2020

Called to order at 15:01 Pacific Time

### Attendance

<b>CRC Roll Call</b>	<b>May 13, 2020</b>
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Takenori Sumi	Yes
Shoichi Kitazawa	Yes
Joerg Robert	Yes
<b>Quorum</b>	<b>Yes</b>

Other: None.

Quorum is met.

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0016r00 "Meeting Preamble"). <https://mentor.ieee.org/802.19/dcn/20/19-20-0016-00-0003-crc-telecon-slides.pptx>

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

Agenda:

1. Meeting Preamble
2. Comment resolution (continued)
3. Next steps
4. AoB

Following neither discussion nor objection, agenda is approved by unanimous consent.

## Review of comments received

Editor has updated with editing progress: 802.19-20/0015r2

<https://mentor.ieee.org/802.19/dcn/20/19-20-0015-02-0003-second-wg-recirculation-comments.xlsx> Reviewed and discussed.

Editorial report: 76 comment resolutions have been applied (65.52%).

Editorials requiring discussion: Discussed and recorded in revised comment XLS.

Results of work captured in Document 802.19-20/0015r3.

<https://mentor.ieee.org/802.19/dcn/20/19-20-0015-03-0003-second-wg-recirculation-comments.xlsx>

## Next Steps

Continue comment resolution.

- Editor to apply those marked as Ready.
- BR expects to have revised figures and text for 9.6 and 9.7 summary sub-clauses for next weeks call
- JR to have revised figure 2 by next call
- JG working on parameter descriptions, will report progress on next call

## AoB

None

## Adjourned

Having reached the end of the agenda, meeting adjourned 1557 PDT.

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## Wed, May 27, 2020

Called to order at 07:03 Pacific Time

### Attendance

<b>CRC Roll Call</b>	<b>May 27, 2020</b>
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Takenori Sumi	Yes
Shoichi Kitazawa	Yes
Joerg Robert	No
<b>Quorum</b>	<b>Yes</b>

Other: None.

Quorum is met.

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0016r02 "Meeting Preamble"). <https://mentor.ieee.org/802.19/dcn/20/19-20-0016-02-0003-crc-telecon-slides.pptx>

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

Agenda:

1. Meeting Preamble
2. Comment resolution (continued)
3. Next steps
4. July virtual plenary
5. AoB

Following neither discussion nor objection, agenda is approved by unanimous consent.

## Comment Resolution

Editor has updated with editing progress: 802.19-20/0015r4

<https://mentor.ieee.org/802.19/dcn/20/19-20-0015-04-0003-second-wg-recirculation-comments.xlsx>

Reviewed and discussed proposed resolutions.

Results of work captured in Document 802.19-20/0015r5.

<https://mentor.ieee.org/802.19/dcn/20/19-20-0015-05-0003-second-wg-recirculation-comments.xlsx>

Review of assignments outstanding:

- JG completed parameter descriptions.
- BR and JR still have figures to provide, not done yet.
- BR to deal with the equations that are bit-maps.

## Next Steps

- Continue comment resolution.
- Editor to apply those marked as Ready.
- BR expects to have revised figures and text for 9.6 and 9.7 summary sub-clauses for next weeks call
- JR to have revised figure 2 by next call

## July Virtual Plenary

Report:

- The 802 EC has decided to hold a virtual plenary session in July
- Details are still being worked out
- 802.11 and 802.15 WGs will have virtual meetings
- 802.19 chair is undecided
  - requested input from TG3

Discussion:

- CRC calls are progressing OK
- Primary goal for July plenary is EC approval to initiate SA ballot
  - If can work out WG motions needed far enough ahead, then WG meeting not needed;
  - A virtual WG meeting would provide a chance for WG motions if needed before EC meeting
- TG is OK either way so long as the goal is met

- TG Chair to work with WG chair

## **AoB**

None

## **Adjourned**

Having reached the end of the agenda, meeting adjourned 0747 PDT.

## Wed, Jun 03, 2020

Called to order at 15:02 PDT

### Attendance

<b>CRC Roll Call</b>	<b>June 3, 2020</b>
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Takenori Sumi	Yes
Shoichi Kitazawa	Yes
Joerg Robert	Yes
<b>Quorum</b>	<b>Yes</b>

Other: None.

Quorum is met.

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0016r04 "Meeting Preamble"). <https://mentor.ieee.org/802.19/dcn/20/19-20-0016-04-0003-crc-telecon-slides.pptx>

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

Proposed Agenda:

1. Meeting Preamble
2. Comment resolution (continued)
3. Next steps
4. AoB

Following neither discussion nor objection, agenda is approved by unanimous consent.

## Comment Resolution

The current comment spreadsheet is: 802.19-20/0015r5

<https://mentor.ieee.org/802.19/dcn/20/19-20-0015-05-0003-second-wg-recirculation-comments.xlsx>

Figures have been revised in Visio. JG will pass the editor "pen" to BR to incorporate the figures and equations.

Review of assignments outstanding:

- BR to insert figures and equations
- JG to check when that is done

## Next Steps

- Complete and approve comment resolutions.
- Complete and review draft
- Approve draft for recirculation
- Get WG and EC approval to commence SA balloting

## July Virtual Plenary

Report:

- The 802 EC has decided to hold a virtual plenary session in July
- Further discussion on the June 2 call, but details remain undecided
  - There is ongoing discussion on if we call it a plenary
  - Further changes to 802 rules may be required
- 802.11 and 802.15 WGs still plan to have virtual meetings
- 802.19 not sure
  - Provided TG3 input from May 27th call to WG Chair
  - TG chair to work with WG officers to ensure goals can be met

## AoB

None.

## **Adjourned**

Having reached the end of the agenda, and hearing no objections, the meeting is adjourned at 15:35 PDT.



## Wed, Jun 10, 2020

Called to order at 07:02 PDT

### Attendance

CRC Roll Call	June 10, 2020
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Takenori Sumi	Yes
Shoichi Kitazawa	Yes
Joerg Robert	Yes
<b>Quorum</b>	<b>Yes</b>

Other: None.

Quorum is met.

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0016r04 "Meeting Preamble").

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-04-0003-crc-telecon-slides.pptx>

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

Proposed Agenda:

1. Meeting preamble
2. Status updates
3. Technical contributions
4. Next steps
5. Any other business

Following neither discussion nor objection, agenda is approved by unanimous consent.

## Comment Resolution

### Status:

The current comment spreadsheet is: 802.19-20/0015r6

<https://mentor.ieee.org/802.19/dcn/20/19-20-0015-06-0003-second-wg-recirculation-comments.xlsx>

The resolutions in r6 have been applied and a proposed D04 has been uploaded (draft area).

Following the meeting, the approved comment resolution and status changes are uploaded as 802.19-20/0015r7.

<https://mentor.ieee.org/802.19/dcn/20/19-20-0015-07-0003-second-wg-recirculation-comments.xlsx>

### Technical contributions:

Summary text for clause 9.6 and 9.7 in doc # 802.19-20/0017r0 is presented and discussed. Editorial changes identified. Following discussion and revision, doc # 802.19-20/0015r1 is approved.

<https://mentor.ieee.org/802.19/dcn/20/19-20-0017-01-0003-clause-9-6-and-9-7-proposed-comment-resolutions.docx>

## Motions:

### Approve Comment Resolutions:

Move that the comment resolutions contained in document 19-20-0015-07 be approved and direct the Technical Editor to apply resolutions to produce P802-19.3-D04.

- Moved by: Jianlin Guo
- Seconded by: Shoichi Kitazawa
- Discussion: None
- Following neither discussion nor objection, motion carries by unanimous consent

### Initiate recirculation:

Move that 802.19 WG start a WG Electronic Ballot recirculating Draft P802-19.3-D04 to approve to forward document P802-19.3-D04 to Standards Association Ballot.

- Moved by: Jianlin Guo
- Seconded by: Joerg Robert
- Discussion: None
- Following neither discussion nor objection, motion carries by unanimous consent

## Next Steps

- Complete and approve comment resolutions. - DONE
- Approve recirculation -DONE
- Get WG and EC approval to commence SA balloting
- There will be a virtual 802 meeting in July, details being decided

## July Virtual Plenary

Report:

- The 802 EC has decided to hold a virtual session in July
- EC ballot underway to allow it to be a formal plenary
- The status is thus yet to be decided
  - If declared a plenary, WG elections will be required
  - Stay tuned to email reflectors for further updates
- 802.11 and 802.15 WGs still plan to have virtual meetings
- 802.19 will likely have a virtual WG session
- Task group 3 may have additional meetings that week if decided
  - TG Chair will schedule 1 meeting at the normal CRC call time (if allowed)
  - If CRC/TG members desire additional slots, advise the TG chair

## AoB

None.

## Adjourned

Having reached the end of the agenda, and hearing no objections, the meeting is adjourned at 07:47 PDT.

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## Wed, July 1, 2020

Called to order at 15:05 PDT

### Attendance

CRC Roll Call	June 10, 2020
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Takenori Sumi	Yes
Shoichi Kitazawa	No
Joerg Robert	No
<b>Quorum</b>	<b>Yes</b>

Other: None.

Quorum is met [4/6].

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0016r06 "Meeting Preamble").

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-06-0003-crc-telecon-slides.pptx>

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

Proposed Agenda:

1. Meeting preamble
2. Ballot report
3. Comment review and resolution
4. July virtual plenary planning / Next steps
5. Any other business

Following neither discussion nor objection, agenda is approved by unanimous consent.

## Ballot Report

- Vote stats:
  - Approve: 30
  - Disapprove: 2
  - Abstain: 3
  - Approval Rate: 93.75%
- Result: Ballot Passed
- Comments: 65 comments were received
  - General: 26
  - Technical: 9
  - Editorial: 30
  - Technical MBS: 9

Comment XLS: 802.19-20/0027r0

<https://mentor.ieee.org/802.19/dcn/20/19-20-0027-00-0003-wg-recirculation-comments-3.xlsx>

## Comment Review and Resolution

Editorial: Reviewed editorial comments and agreed to pass to TE to resolve.

General and Technical: Reviewed all, resolutions recored for all but 2:

- 58 : Assigned to Ben, to review each reference and verify it is properly cited or identify for moving to Bibliography.
- 60 : Assigned to Ben, revise definition to include improved resilience as a goal. Projected to be completed by next call

Proposed comment resolutions uploaded as 802.19-20/0027r1.

<https://mentor.ieee.org/802.19/dcn/20/19-20-0027-01-0003-wg-recirculation-comments-3.xlsx>

## July Virtual Plenary, Next Steps

Timeline for Draft 5: Prior to July 8th CRC call:

- Proposed resolutions to comment 56 and 60 to be circulated via email
- TE to review editorials and apply and/or identify items for discussion

On July 8th CRC call:

- Review and approve comment resolutions
- Approve recirculation of Draft 5

Virtual plenary objectives:

- Renew CRC (July WG)
- WG motion to start SA ballot (July WG)
- EC Approval to start SA ballot (July EC)

## **AoB**

None.

## **Adjourned**

Having reached the end of the agenda, and hearing no objections, the meeting is adjourned at 16:14 PDT.

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## Wed, Jul 08, 2020

Called to order at 07:04 PDT

### Attendance

CRC Roll Call	June 10, 2020
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Takenori Sumi	Yes
Shoichi Kitazawa	Yes
Joerg Robert	Yes
<b>Quorum</b>	<b>Yes</b>

Other: Yuki Nagai

Quorum is met [6/6].

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0016r07 "Meeting Preamble").

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-07-0003-crc-telecon-slides.pptx>

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

Proposed Agenda:

1. Meeting preamble (the usual slides)
2. Editor's Report
3. Comment Resolution
4. July Virtual Plenary planning
5. Any other business

Following neither discussion nor objection, agenda is approved by unanimous consent.

## Comment Resolution

Editor report: TE presents status and comments that need discussion from Comment XLS: 802.19-20/0027r3

<https://mentor.ieee.org/802.19/dcn/20/19-20-0027-03-0003-wg-recirculation-comments-3.xlsx>

Document 802.19-20/0016r1 is presented and discussed:

<https://mentor.ieee.org/802.19/dcn/20/19-20-0028-01-0003-comment-resolution-contribution.docx>

Following discussion, rev 2 is uploaded with suggested changes and approved by the group:

<https://mentor.ieee.org/802.19/dcn/20/19-20-0028-02-0003-comment-resolution-contribution.docx>

The comment XLS is revised to include all comment resolutions and uploaded as 802.19-20/0027r4.

<https://mentor.ieee.org/802.19/dcn/20/19-20-0027-04-0003-wg-recirculation-comments-3.xlsx>

## CRC Motions

Approve Comment Resolutions:

Move that the comment resolutions contained in document 19-20-0027-04 be approved and direct the Technical Editor to apply resolutions to produce P802-19.3-D05.

- Moved by: Jianlin Guo
- Seconded by: Joerg Robert
- Discussion: None
- Hearing neither discussion nor objection motion carries by unanimous consent

Initiate recirculation:

Move that 802.19 WG start a WG Electronic Ballot recirculating Draft P802-19.3-D05 to approve to forward document P802-19.3-D05 to Standards Association Ballot.

- Moved by: Jianlin Guo
- Seconded by: Joerg Robert
- Discussion: None
- Hearing neither discussion nor objection motion carries by unanimous consent

## July Virtual Plenary (Next Steps)

Timeline for Draft 5:

- TE to complete D05 by end of this week



- TG Chair and WG Vice Chair to initiate recirculation

Virtual plenary objectives:

- We will have two (2) Task Group meetings on our usual call rotation:
  - Wed 15-July 18:00 EDT (15:00 PDT)
  - Wed 22-July 10:00 EDT (07:00 PDT)
- Working Group Meetings:
  - Opening: Mon 13-July 16:00 EDT (13:00 PDT)
  - Closing: Thr 23-July 16:00 EDT (13:00 PDT)
- WG motion to start SA ballot (conditional)
- EC Approval to start SA ballot (conditional)

## **AoB**

None.

## **Adjourned**

Having reached the end of the agenda, and hearing no objections, the meeting is adjourned at 08:09 PDT.

## Wed, Aug 05, 2020

Called to order at 07:04 PDT

### Attendance

CRC Roll Call	August 5, 2020
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Takenori Sumi	Yes
Shoichi Kitazawa	No
Joerg Robert	No
<b>Quorum</b>	<b>Yes</b>

Other: None

Quorum is met [4/6].

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0016r09 "Meeting Preamble").

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-09-0003-crc-telecon-slides.pptx>

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

Proposed Agenda:

1. Meeting preamble (the usual slides)
2. Ballot Status
3. Next Steps
4. July Virtual Plenary feedback
5. Any other business

Following neither discussion nor objection, agenda is approved by unanimous consent.

## Ballot Status

While the ballot has closed, the ballot results have not yet been provided.

When available (likely later today or tomorrow) chair will post any comments received and begin discussion on resolution via the email reflector. We can complete on next the call next week.

## Next Steps

Next goal: initiate SA ballot:

- Ballot invitation to close Aug 20
- Plan is to seek EC approval on the Sept 01 EC call
- Need WG approval prior to the EC call via electronic ballot (10 days)
  - requires starting that no later than Aug 22

As soon as ballot results are available will begin discussion on the email reflector on any comments received.

## July Virtual Plenary Review and Feedback

Chair asks for feedback on how the July virtual plenary worked. Some comments:

- Keeping to our normal call times was helpful
- At the current stage (late WG balloting) it was easier to adapt to virtual than it would have been earlier in the process
- Still not as efficient as a real meeting

## AoB

None.

## Adjourned

Having reached the end of the agenda, and hearing no objections, the meeting is adjourned at 07:19 PDT

## Wed, Aug 12, 2020

Called to order at 15:02 PDT

### Attendance

CRC Roll Call	August 12, 2020
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Takenori Sumi	Yes
Shoichi Kitazawa	Yes
Joerg Robert	No
<b>Quorum</b>	<b>Yes</b>

Other: Yuki Nagai (MERL)

Quorum is met [5/6].

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0016r10 "Meeting Preamble").

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-10-0003-crc-telecon-slides.pptx>

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

Proposed Agenda:

1. Meeting preamble (the usual slides)
2. Ballot Report
3. Comment resolution
4. Next Steps
5. Any other business

Following neither discussion nor objection, agenda is approved by unanimous consent.

## Ballot Report

One "no" vote converted to "yes"; one "no" vote remains. No new "no" votes. 2 new comments.

Cumulative Results (unofficial):

- Approve: 35
- Disapprove: 1
- Approval Rate: 97.14%

## Comment Resolution

Comments: <https://mentor.ieee.org/802.19/dcn/20/19-20-0034-00-0003-wg-recirculation-4-comments.xlsx>

- 2 new comments on grammar
- Comments reference markup PDF line and page numbers
  - Standards board operations manual states: "Comments addressing grammar, punctuation, and style, whether attached to an Approve or a Do Not Approve vote, may be referred to the publications editor for consideration during preparation for publication. It should be borne in mind that proposed standards are professionally edited prior to publication."
  - Suggestion to reject comments with disposition detail that the draft will be professionally edited prior to publication.
  - no alternate resolutions volunteered
  - no objection heard to proposed resolutions captured in document 19-20-0034r01  
[\[https://mentor.ieee.org/802.19/dcn/20/19-20-0034-01-0003-wg-recirculation-4-comments.xlsx\]](https://mentor.ieee.org/802.19/dcn/20/19-20-0034-01-0003-wg-recirculation-4-comments.xlsx)

## CRC Motions

Approve Comment Resolutions:

Move that the comment resolutions contained in document 19-20-0034-01 be approved.

- Moved by: Jianlin Guo
- Seconded by: Michael Cowan
- Discussion: None
- Hearing neither discussion nor objection motion carries by unanimous consent

Initiate recirculation:

Move that 802.19 WG start a WG Electronic Ballot recirculating Draft P802-19.3-D06 to approve to forward document P802-19.3-D06 to Standards Association Ballot.

- Moved by: Jianlin Guo

- Seconded by: Kazuto Yano
- Discussion: There is a question regarding access to the draft (new participant). Referred to work with the chair off-line.
- Hearing no further discussion nor objection motion carries by unanimous consent

#### Motion for WG

Move to direct TG chair to request WG motion to confirm the CSD and forward P802.19.3 Draft 06 to Standards Association Ballot.

- Moved by: Jianlin Guo
- Seconded by: Shoichi Kitazawa
- Discussion: None
- Hearing neither discussion nor objection motion carries by unanimous consent

### **Next Steps**

Next goal: initiate SA ballot:

- WG motion to start SA ballot (e-ballot)
- EC Approval to start SA ballot (Sept 01 EC call)

### **AoB**

None.

### **Adjourned**

Having reached the end of the agenda, and hearing no objections, the meeting is adjourned at 15:57 PDT

## Wed, Aug 19, 2020

Called to order at 15:02 PDT

### Attendance

CRC Roll Call	August 19, 2020
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Takenori Sumi	Yes
Shoichi Kitazawa	Yes
Joerg Robert	No
<b>Quorum</b>	<b>Yes</b>

Other: Rubin Salazar, Yuki Nagai

Quorum is met [5/6].

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0016r12 "Meeting Preamble").

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-12-0003-crc-telecon-slides.pptx>

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

1. Meeting preamble (the usual slides)
2. Review and reminder of Working Group electronic motion
3. Reminder of Standards Association ballot invitation
4. Plan and schedule for Standards Association balloting
5. Any other business

Following neither discussion nor objection, agenda is approved by unanimous consent.

## Working Group Motion

A reminder is given that the Working Group electronic ballot is open:

- <https://mentor.ieee.org/802.19/poll-vote?p=43600008&t=43600008>
- WG voters please vote.

## SA Ballot Pool Invitation

- The invitation closes tomorrow, 20-Aug.
- Chair steps through the myBallot tool steps for joining the pool.
- Invitation is extended if response does not meet balloting requirements.

## Plan and Schedule

- WG motion ePoll closes 25-August
- SA invitation close 20-August
- EC meeting 1-Sept, will seek approval to initiate SA ballot
- SA ballot should open soon after the EC meeting
  - 30 day initial ballot
- Time for initial + comment resolution + 2 recircs (but 1 more realistic) by November

## Any Other Business

Next meeting:

- Cancel Call on 26-Aug-2020
- Next meeting 02-Sept-2020 as scheduled

## Adjourn

Having reached the end of the agenda, the meeting is adjourned at 07:26 PDT.



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## Wed, Oct 14, 2020

Called to order at 07:03 PDT. Chair and Recording secretary present.

### Attendance

CRC Roll Call	Oct 14, 2020
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Takenori Sumi	Yes
Shoichi Kitazawa	Yes
Joerg Robert	Yes
<b>Quorum</b>	<b>Yes</b>

Quorum [6/6] met.

Other: Yuki Nagai (Mitsubishi Electric) Jodi Haas (IEEE)

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0016r13 "Meeting Preamble").

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-13-0003-crc-telecon-slides.pptx>

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

Proposed agenda:

1. Meeting preamble (the usual slides)
2. Ballot Results
3. Comment Review and Resolution
4. Virtual Plenary
5. Any other business.

A request received to discuss proposed CRC change to be discussed under Any Other Business.

Following no further discussion nor objection agenda is approved by unanimous consent.

## Ballot Results

Full ballot report (from MyBallot) in <https://mentor.ieee.org/802.19/dcn/20/19-20-0016-13-0003-crc-telecon-slides.pptx>

Summary:

- Passed with 96% approval.
- 59 Votes received: 53 Approve, 2 Disapprove, 4 Abstain.
- 88 Comments received.
- Comments uploaded: <https://mentor.ieee.org/802.19/dcn/20/19-20-0036-00-0003-p802-19-3-initial-ballot-comments.xlsx>

## Comment Review and Resolution

Reviewed all 88 comments and assigned to volunteer for proposed resolutions:

- All editorial assigned to Technical Editor (JG). Any which TE decides need further input will be brought to the group for discussion.
- All technical comments assigned

## Virtual Plenary

- 30 October 2020 to 13 November 2020
- Calendar: [https://grouper.ieee.org/groups/802/802tele\\_calendar.html](https://grouper.ieee.org/groups/802/802tele_calendar.html)
- Current TG Plan: 2 Meetings, usual CRC call times

## Any other business.

A request is made by Takenori Sumi to step down from the CRC. Yuki Nagai volunteers to join the CRC.

Following no objection, the group agrees with the change.

CRC change requires a WG motion. Chair takes action to work with WG chair to bring to the WG.

## Adjourn

Having reached the end of the agenda, the meeting is adjourned.

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## Wed, Oct 21, 2020

Called to order at 15:02 PDT. Chair and Recording secretary present.

### Attendance

CRC Roll Call	August 21, 2020
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Takenori Sumi	Yes
Shoichi Kitazawa	Yes
Joerg Robert	No
<b>Quorum</b>	<b>Yes</b>
Quorum is met [5/6]	

Other: Yuki Nagai (Mitsubishi Electric) Jodi Haas (IEEE)

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0016r12 "Meeting Preamble").

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-14-0003-crc-telecon-slides.pptx>

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

Proposed Agenda:

1. Meeting Preamble
2. Comment resolution
3. AoB

Following neither discussion nor objection, agenda is approved by unanimous consent.

### Comment resolution

<https://mentor.ieee.org/802.19/dcn/20/19-20-0039-00-0003-contribution-for-comment-resolution-cids-271598-and-271599.docx> presented. Proposed resolutions accepted.

<https://mentor.ieee.org/802.19/dcn/20/19-20-0041-00-0003-sa-initial-ballot-comment-resolution-proposal.docx> presented. Following discussion, changes made and uploaded as Rev 1. Note that 2 comments from 0041 remain to be discussed.

## **Any Other Business**

CRC Change:

- WG Chair initiated electronic ballot on the CRC change motion
- 7 day ballot initiated on 15-Oct-2020 November Plenary:
- Plan for 2 meeting times, same time as weekly CRC calls. Next call:
- 28-Oct-2020 07:00 PDT
- Proposed agenda: Complete comment resolution.

## **Adjourn**

Following neither discussion nor objection, meeting adjourned at 16:03 PDT. Next call 28-Oct at 07:00 PDT.

## Wed, Oct 28, 2020

Called to order 0702 PDT

### Attendance

CRC Roll Call	August 21, 2020
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Yukimasa Nagai	Yes
Shoichi Kitazawa	Yes
Joerg Robert	No
<b>Quorum</b>	<b>Yes</b>

Quorum is met [5/6]

Other: Christy Bahn (IEEE-SA), Edgar Maya-Olalla, Michael Cowan.

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0016r16 "Meeting Preamble").

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-16-0003-crc-telecon-slides.pptx>

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

Proposed Agenda:

1. Meeting Preamble
2. Comment resolution
3. AoB

Following neither discussion nor objection, agenda is approved by unanimous consent.

### Comment resolution

Presented and reviewed proposed comment resolutions:

- Document [19-20-0042r1](#): No discussion, accepted
- Document [19-20-0043r0](#): Correct ARIB duty cycle requirement. No discussion, accepted.
- Document [19-20-0044r0](#): No discussion, accepted (removed mention of video).
- Document [19-20-0046r0](#): 590 Rejected, 587 revised the wording to not say "TBD" but convey the note. Following discussion, [r1](#) updated. Accepted r1.
- Document 0045r0:

Discussion on use of "shall": Following discussion chair conducts a Straw Poll (SP): Should we leave it as "should" as in current draft or use "shall" for details of recommendations?

- Leave it all as "should" and avoid "shall": 3
- Use "shall" for details of recommendation: 1
- ABSTAIN 5

Review of document [19-20-0036r5](#) proposed resolutions (Guo). Mostly editorial; TE reviews proposed changes. Following discussion, [r6](#) captures changes.

Review of document [19-20-0040r0](#): Following discussion, accepted.

## **AoB**

Virtual plenary, will schedule 2 hour slots.

## **Adjourn**

Having reached the end of the agenda, adjourned at 09:07.

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## Wed, Nov 25, 2020

Called to order 0702 PDT

### Attendance

CRC Roll Call	August 21, 2020
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Yukimasa Nagai	Yes
Shoichi Kitazawa	Yes
Joerg Robert	Yes
<b>Quorum</b>	<b>Yes</b>

Quorum is met [6/6]

Other: Jen Santulli (IEEE-SA)

### Meeting preamble: IEEE-SA Policy slides

IEEE Patent, copyright and conduct slides presented (see 802.19-20/0016r18 "Meeting Preamble").

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-18-0003-crc-telecon-slides.pptx>

An opportunity for disclosures is provided by the chair: No disclosures heard.

### Agenda

Proposed Agenda:

1. Meeting Preamble
2. Recirculation ballot report
3. Comment resolution
4. AoB

Following neither discussion nor objection, agenda is approved by unanimous consent.

### Ballot report

Results:

- Approve/Disapprove/Abstain = 55/2/4
- Return Rate = 81%
- Approval Rate = 96%
- 2 Comments Received

Comment summary:

- Total Comments: 2
- General: 1
- Technical: 0
- Editorial: 1
- Technical MBS: 0

## **Comment resolution**

Chair presents summary of comments in document 802.19-20/0016r18.

Discussion of R1-2: Following discussion, updated proposed resolution captured in 802.19-20/0016r19 and accepted.

Discussion of Comment R1-1: Following discussion of the dated references in the draft with IEEE editor, the guidance given is that for amendments no date is required, where a specific revision of a standard is being referenced, include the date, and where the latest revision of the standard is intended, or is acceptable, use non-dated reference. Action: TE and Chair will review all references to standards in the draft and identify required changes based on guidance given. Expected to present to CRC on the next call.

## **Any Other Business**

None

## **Adjourn**

Having reached the end of the agenda, adjourned at 07:49.



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## Wed, Dec 02, 2020

Called to order 15:05 PST

### Attendance

CRC Roll Call	August 21, 2020
Benjamin Rolfe	Yes
Jianlin Guo	Yes
Kazuto Yano	Yes
Yukimasa Nagai	Yes
Shoichi Kitazawa	Yes
Joerg Robert	No
<b>Quorum</b>	<b>Yes</b>
Quorum is met [5/6]	

Other: Michael Cowan (Sensus), Jodi Haasz (IEEE-SA)

Meeting preamble: Chair presents 19-20-0016r20 which includes Agenda:

1. Meeting preamble (the usual slides)
2. Recirculation Comment Resolution
  - o Contribution 19-20/0052r1
3. Editor Status
4. Motions
5. Any other business.

Meeting preamble: no disclosures heard.

### Comment Resolution

Comment resolution: Discussed remaining comment. Contribution [19-20-0052r03](#) presented and discussed. Following discussion resolution captured in [19-20-0051r04](#).

Motion: Approve Comment Resolutions

- Move to accept comment resolutions in document [19-20-0051r04](#) and direct the technical editor to apply the changes to produce P802.19.3 Draft 08.
- Moved by: Jianlin Guo
- Second by: Michael Cowan

- Discussion: None
- Hearing neither discussion nor objection, motion carries by unanimous consent

Motion: Approve Recirculation

- Move to start a Standards Association Recirculation ballot for draft P802-19-3-D08.
- Moved by: Jianlin Guo
- Second by: Michael Cowan
- Discussion: None
- Hearing neither discussion nor objection, motion carries by unanimous consent

TE Status: Draft should be ready to start the ballot on Friday.

## **Any Other Business**

None

## **Adjourn**

Adjourned at 15:36 PST

## Useful Links

### Working Group Recirculation 1

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-05-0003-crc-telecon-slides.pptx>

<https://mentor.ieee.org/802.19/dcn/20/19-20-0015-07-0003-second-wg-recirculation-comments.xlsx>

<https://mentor.ieee.org/802.19/dcn/20/19-20-0017-01-0003-clause-9-6-and-9-7-proposed-comment-resolutions.docx>

<https://mentor.ieee.org/802.19/dcn/20/19-20-0020-01-0003-figures-in-word-equation-editor.zip> <https://mentor.ieee.org/802.19/dcn/20/19-20-0018-01-0003-figures-9-thru-18-visio.zip>

### Working Group Recirculation 2

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-09-0003-crc-telecon-slides.pptx>

<https://mentor.ieee.org/802.19/dcn/20/19-20-0027-04-0003-wg-recirculation-comments-3.xlsx>

### Working Group Recirculation 3

<https://mentor.ieee.org/802.19/dcn/20/19-20-0030-02-0003-wg-recirculation-3-comments.xlsx>

<https://mentor.ieee.org/802.19/dcn/20/19-20-0032-00-0003-mec-review-discussion.pdf>

<https://mentor.ieee.org/802.19/dcn/20/19-20-0031-00-0003-mec-review-comments.pdf>

### Working Group Recirculation 4

<https://mentor.ieee.org/802.19/dcn/20/19-20-0034-01-0003-wg-recirculation-4-comments.xlsx>

### Initial SA Ballot

<https://mentor.ieee.org/802.19/dcn/20/19-20-0036-08-0003-p802-19-3-initial-ballot-comments.xlsx>

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-17-0003-crc-telecon-slides.pptx>

### SA Ballot Recirculation 1

<https://mentor.ieee.org/802.19/dcn/20/19-20-0051-04-0003-sa-ballot-recirc1-comments.xlsx>

<https://mentor.ieee.org/802.19/dcn/20/19-20-0016-20-0003-crc-telecon-slides.pptx>