

[Doc. #ec-09-0007-010-00EC](#)

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IEEE PROJECT 802
LAN / MAN STANDARDS COMMITTEE (LMSC)
WORKING GROUP (WG)
POLICIES AND PROCEDURES (P&P)

As approved [11/20/2009XXXX](#)

Last edited [7/11/27+6/2009](#)

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1 **Prologue**

2

3 Sections of this document with grey highlighting are dictated by AudCom and shall not be
4 changed by the IEEE 802 Executive Committee, or its subgroups.

1. Preface

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This clause shall be included and shall not be modified, except to add additional material.

In today's technological environment, standards play a critical role in product development and market competitiveness. Responsibility for how a standard evolves begins in the working group (WG). Every input, behavior, and action has both a contributory and a potential legal consequence. These procedures help protect working group participants and the IEEE by establishing the necessary framework for a sound standardization process.

WG in IEEE 802 operate under the Policies and Procedures of IEEE® Project 802, LAN/MAN Standards Committee (ref. [rules3]) and the hierarchy of policies under which IEEE@ Project 802 operates. In the event of any conflict between the Policies and Procedures in this document and the Policies and Procedures of IEEE® Project 802, the Policies and Procedures of IEEE@ Project 802 take precedence.

Comment [mjs1]: Based on text for 802.11 WG P&P. Delete per comment resolution 11/15/09

2. Modifications to these procedures

This clause shall be included and shall not be modified.

These operating procedures outline the orderly transaction of business by the working group. The working group may amend these procedures with the approval of its Sponsor. The Sponsor may modify these procedures. Modification in this context means that material in these procedures may be modified as long as that clause is not indicated as one that cannot be changed. It is strongly recommended that all subjects included in these procedures be addressed by the working group or Sponsor. (See also clause 9.)

3. Hierarchy

This clause shall be included and shall not be modified except to identify the specific superior procedures of the Sponsor by name.

The latest version of several documents takes precedence over these procedures in the following order:

- New York State Not-For-Profit Corporation Law
- IEEE Certificate of Incorporation
- IEEE Constitution
- IEEE Bylaws
- IEEE Policies
- IEEE Board of Directors Resolutions
- IEEE Standards Association Operations Manual
- IEEE-SA Board of Governors Resolutions
- IEEE-SA Standards Board Bylaws
- IEEE-SA Standards Board Operations Manual

Comment [mjs2]: Would like to change to 'published' resolutions but probably can't...

1 IEEE-SA Standards Board Resolutions
2 IEEE Computer Society (CS) Constitution
3 IEEE CS Bylaws
4 IEEE CS Policies and Procedures Manual (PPM), Section 10
5 IEEE CS Board of Governors Resolutions
6 IEEE CS Standards Activities Board Policies and Procedures (SAB P&P)
7 IEEE Project 802 LAN/MAN Standards Committee (LMSC) Sponsor Policies and
8 Procedures (LMSC P&P)
9 IEEE Project 802 LAN/MAN Standards Committee (LMSC) Operations Manual (LMSC
10 OM)

11
12
13 *Robert's Rules of Order (Revised)* is the recommended guide on questions of parliamentary
14 procedure not addressed in these procedures.

Comment [mjs3]: Should feed back to Audcom that this reference is not the recommended format from Robert's Rules...

4. Fundamental Principles of Operation

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17
18
19 This clause shall be included and shall not be modified.

20
21 For the development of standards, openness and due process are mandatory.

22
23 Openness means that any person who has, or could be reasonably expected to have, a direct and
24 material interest, and who meets the requirements of these procedures has a right to participate
25 by:

- 26 a) Attending working group meetings
- 27 b) Becoming a member of the working group
- 28 c) Becoming an officer of the working group
- 29 d) Expressing a position and its basis,
- 30 e) Having that position considered, and
- 31 f) Appealing if adversely affected.

32
33
34 IEEE due process requires a consensus of those parties interested in the project. Consensus is
35 defined as at least a majority agreement, but not necessarily unanimity.

36
37 Due process is based upon equity and fair play. The standards development process should strive
38 to have both a balance of interests and not be dominated by any single interest category.

5. Working Group Responsibilities

39
40
41
42
43 This clause may be modified.

Comment [mjs4]: TAG will no longer be able to created recommended practices or guides, but may created other correspondence. Only WG can hold PARs. TAGs will be for advisory purposes only.

Comment [mjs5]: Thompson noted he has continuing concern about a WG being formed to write a Recommended Practice believing that gives them an ongoing license to elevate their work to standards generation.

Each draft ~~standard document~~ produced by a WG must be within the scope of IEEE 802 and the scope of the WG as determined by the Sponsor. It must also be within the scope of an approved PAR.

Comment [mjs6]: Based on text in subclause 5.1.1 paragraph 1 of the Sponsor P&P.

The working group shall:

- a) Complete projects from Project Authorization Request (PAR) approval through to IEEE-SA Standards Board approval within the allotted times (normally 48 months) that are assigned to them by the Sponsor
- b) Use the IEEE Standards document template format
- c) Submit to the Sponsor any documentation required by the Sponsor; for example, a project schedule or a monthly status report
- d) Notify the Sponsor of the draft development milestones
- e) Notify the Sponsor when the draft is ready to begin IEEE Standards Sponsor ballot
- f) Maintain and amend existing standards issued by IEEE developed by the WG.
- g) Attend to other matters (such as interpretations) assigned to them by the Sponsor.

Comment [mjs7]: Adjust list so that proper standoff between list denominators and text

Comment [mjs8]: Note that no scope statement is made in this section. The scope of a WG is the summation of it's PARs and ultimately determined by the EC.

Primary responsibility for achieving these goals shall sit with the WG Chair. The WG Chair may assign activities within the WG (in ways compliant with this document and other WG approved documents) so as to facilitate completion of those activities. The WG chair may assign to and be advised by others (Task Group Chairs, Task Force Chairs, Advisory Groups, etc) on matters within the WG to ensure they are attended to and completed.

Comment [mjs9]: From Mat to try and tie to typical IEEE 802 operating procedures...

The WG shall periodically review and confirm that the response to the five criteria (See subclause 5.2 if the IEEE 802 Operations Manual) used to approve its PAR(s) still reflect the state of the project(s) to which they relate. Should a WG need to modify the responses to the five criteria during a projects' development in order to accurately reflect the state of the project, the modified responses shall be submitted to the Sponsor for approval.

Comment [mjs10]: Based on text in subclause 5.1.1 paragraph 2 of the Sponsor P&P.

6. Officers

6.1 Officer Overview

This clause may be modified.

There shall be a Chair and a Secretary, and there should be a Vice-Chair. The office of Treasurer is suggested if significant funds are involved in the operation of the working group and/or its subgroups or if the group has multiple financial reports to supply to the IEEE Standards Association. All WG Chairs and vice chairs shall be a member of the IEEE-SA and a member or affiliate of either the IEEE or the IEEE Computer Society. All officers shall be IEEE members and individual IEEE-SA members. The specific WG officers and their activities should be described in a WG Operations Manual (WG OM) if one exists.

Comment [mjs11]: Make this consistent with the section on Treasury and 802 P&P.

Comment [mjs12]: Added by Mat based on 802.11 recommended WG P&P

At the first plenary session, the WG shall elect its chair and vice chair(s) in accordance with the procedures of the Sponsor. At the first organizational session, the working group shall elect its operating officers in accordance with the procedures of its Sponsor, and, where necessary,

Comment [mjs13]: Check that this is consistent with requirement of IEEE 802 P&P, review all should and shalls in this text.

Comment [mjs14]: Originally read meeting

1 Robert's Rules of Order. WG officers should read the training material available through IEEE
2 Standards Development Online.

Comment [mjs15]: Taken from 802.11 recommended WG P&P

3
4 Initial appointments and temporary appointments to fill vacancies due to resignations or
5 removals for cause, may be made by the Chair of the LMSC, and shall be valid until the end of
6 the next plenary session.

12 **6.2 Election of Officers**

14 This clause may be modified.

Comment [mjs16]: Need to discuss confirmation process. Must it be during a plenary?

16 ~~An individual who has served as Chair or Vice Chair of a given WG for a total of five terms or
17 part terms in that office may not run for election to that office again, unless the WG has passed a
18 motion, one plenary in advance of the election, permitting that individual to stand for re-election.
19 For this motion to pass, 75% or greater approval of the voting membership present in the
20 meeting is needed.~~

Formatted: Don't adjust space between Latin and Asian text, Don't adjust space between Asian text and numbers

Comment [mjs17]: Repeats text later in subclause so deleted.

22 A WG may elect a new Chair at any plenary session, subject to confirmation by the IEEE 802
23 Sponsor. A motion to hold an election must be passed by 75% of the voting members of the WG
24 present.

26 All WG elections become effective at the end of the plenary session where the election occurs.
27 A plenary session is as defined in the IEEE 802 Operation Manual, subclause 4.1. Prior to the
28 end of that plenary session, persons that have been elected during the session are considered
29 'Acting', and do not vote. Persons who are succeeding someone that currently holds the position
30 do not acquire any rights for that position until the close of the plenary session.

Comment [mjs18]: Taken from LMSC OM 3.2.1.

32 The term for all WG officers ends at the close of the first plenary session of each even numbered
33 year. Elected officers maintain their offices until the next election opportunity unless they resign,
34 are removed for cause, or are unable to serve for another reason.

Comment [mjs19]: Adapted from first two paragraphs of subclause 3.1 of the LMSC P&P.

36 The Sponsor shall ~~affirm~~confirm the election of the Chair and Vice-Chair(s). ~~If the
37 confirmation fails, any existing appointments will stand, and the WG will hold another election
38 at the next plenary session. If the sponsor affirmation fails, the Chair or Vice-Chair, another
39 election will be run.~~ The sponsor will make a temporary appointment per clause 6.3.

Comment [mjs20]: Some groups permit more than one.

Comment [mjs21]: Clarified from original text

Comment [mjs22]: Clarified from original text

41 All confirmed positions become effective at the end of the plenary session where the
42 appointment/election occurs. Prior to the end of that plenary session, such persons filling
43 vacancies are considered 'Acting', and do not vote. Persons who are succeeding someone that
44 currently holds the position do not acquire any Sponsor rights until the close of the plenary
45 session. The term for all WG Chairs and Vice Chairs ends at close of the first plenary session of

1 each even numbered year. Unless otherwise restricted by these P&P individuals may be
2 confirmed for a subsequent term if reappointed or re-elected to the position. Officers appointed
3 and affirmed maintain their appointments until the next appointment opportunity unless they
4 resign or are removed for cause.

Comment [mjs23]: Taken from subclause 5.1.2 of the Sponsor P&P.

6.3 Temporary Appointments to Vacancies

This clause may be modified.

11 If an office becomes vacant due to resignation, removal, lack of nomination at an election or for
12 another reason, a temporary appointment shall be made for a period of up to six months. In the
13 case of Chair or Vice-Chair, the Sponsor Chair shall make the temporary appointment, with input
14 from the working group. In the case of Secretary, the WG Chair shall make the temporary
15 appointment. An appointment or election for the vacated office shall be conducted at the earliest
16 practical time.

Comment [mjs24]: Inserted by Mat to be consistent with current procedures.

Comment [mjs25]: Clarification

6.4 Removal of officers

This clause may be modified.

23 An officer may be removed by approval of two-thirds of the members of the working group.
24 Removal of the Chair and/or Vice-Chair requires affirmation by the Sponsor. Grounds for
25 removal shall be included in any motion to remove an officer of the working group. The officer
26 suggested for removal shall be given an opportunity to make a rebuttal prior to the vote on the
27 motion for removal.

Comment [mjs26]: We need to discuss and clarify what this means. Is it members at a meeting? All members? Plenary session only? Letter ballot?

Comment [mjs27]: Original read 'and'. However I think or was intended and is less confusing.

6.5 Responsibilities of Working Group Officers

6.5.1. Chair

33 The main responsibility of the WG Chair is to enable the WG to operate in an orderly fashion,
34 produce a draft standard, recommended practice, or guide, or to revise an existing document.

Comment [mjs28]: Taken from 3.2.1.1 of LMSC OM

36 The Chair or his designee shall have the following responsibilities.

- 37 a) To lead the activity according to all of the relevant policies and procedures
- 38 b) To decide which matters are procedural and which matters are technical
- 39 c) To decide procedural matters or defer them to a majority vote by the WG
- 40 d) To place issues to a vote by WG members
- 41 e) To preside over WG meetings and activities of the WG according to all of the relevant
- 42 policies and procedures

- 1 f) To entertain motions, but not make motions
2 g) To delegate necessary functions as needed
3 h) To set goals and deadlines and endeavor to adhere to them
4 i) To prioritize objectives to best serve the group and the goals
5 j) To seek consensus of the Sponsor if required as a means of resolving issues
6 k) To be objective
7 l) To not bias discussions
8 m) To ensure that all parties have the opportunity to express their views
9 n) To be knowledgeable in IEEE standards processes and parliamentary procedures
10 o) To call meetings and issue a notice for each meeting at least four weeks prior to the
11 meeting
12 p) To issue meeting minutes and important requested documents to members of the WG, the
13 Sponsor, and liaison groups The meeting minutes are to include:
14 • List of participants and their affiliations
15 • Next meeting schedule
16 • Agenda as revised at the start of the meeting
17 • Voting record (Resolution, Mover / Second, Numeric results)
18
19 Minutes shall be made available within 45 days of the meeting to the attendees of the
20 meeting, all members, and all liaisons.
21 q) To maintain liaison with other organizations at the direction of the Sponsor or at the
22 discretion of the WG Chair with the approval of the Sponsor
23 r) To ensure that any financial operations of the WG comply with the requirements of
24 clause 14 of these P&P
25 s) To speak on behalf of the WG to the Sponsor and, in the case of a “Directed Position”,
26 vote the will of the WG in accordance with the Directed Position Procedure of this OM
27 (See subclause 5.2 of the LMSC P&P - Procedure for Establishing a Directed Position)
28 t) To establish WG rules beyond the WG rules set down by the Sponsor. These rules must
29 be written and all WG members must be aware of them
30 u) To assign / unassign subtasks and task leaders (e.g., secretary, subgroup chair, etc.)
31 v) To determine if the WG is dominated by an organization and, if so, treat that
32 organizations’ vote as one (with the approval of the Sponsor)
33 w) To manage balloting of projects [-----]

Comment [mjs29]: Taken from 3.2.1.1 of the LMSC OM.

6.5.2. Vice-Chair(s)

This clause may be modified.

The Vice-Chair(s) shall

- 42 a) Carry out the Chair's duties if the Chair is temporarily unable to do so or chooses to recuse
43 himself or herself (i.e., to give a technical opinion)
44 b) Be familiar with training materials available through IEEE Standards Development Online
45

If more than one Vice Chair exists, one Vice Chair shall be designated the First Vice Chair and assume the Vice Chair responsibilities identified here.

Comment [mjs30]: Taken from 3.2.1.2 of LMSC OM.

6.5.3. Secretary

This clause may be modified.

The Secretary shall record and publish minutes of each meeting within 30 calendar days of the end of the meeting.

Comment [mjs31]: Taken from 3.2.1.3 of LMSC OM.

6.5.4. Treasurer

This clause may be modified

The Treasurer shall

- a) Maintain a budget
- b) Control all funds into and out of the working group's bank account
- c) Follow IEEE policies concerning standards meetings and finances
- d) Adhere to the *IEEE Financial Operations Manual*
- e) Bring any discrepancies between the requirements of the IEEE financial operations manual and sponsor P&P to the attention of the sponsor

Comment [mjs32]: Need to discuss - Are we adding responsibilities that aren't in the manual or here we highlighting stuff for the benefit of someone running for office?

Comment [mjs33]: Added in comment resolution

7. Working Group

7.1 Overview

This clause shall be included and shall not be modified except to be compliant with the Sponsor's procedures.

Working group membership is by individual. Those attending meetings shall pay any required meeting fees if established. Participants shall fulfill the requirements to gain and maintain membership in the working group.

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Comment [mjs34]: I don't agree with this statement and think it should be removed. I think our rules should allow for observers who don't obtain membership. This should be fed back to AudCom.

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7.2 Working group membership status

This clause may be modified.

1 Membership belongs to the individual, not an organization, and may not be transferred.

2
3 Members of the sponsor are ex officio members of all WGs.
4
5

6 **7.2.1. Establishment**

7
8
9 All persons that achieve participation credit for the initial session of a WG become members of
10 the WG. Thereafter, membership in a WG is established by achieving participation credit at the
11 sessions of the WG for two out of the last four plenary sessions; one duly constituted interim
12 WG or Task Group session may be substituted for one of the two plenary sessions required to
13 establish membership. A declaration of intent to the Chair of the WG may also be required in a
14 WG to gain membership. Participation credit at a meeting is granted for at least 75% presence at
15 that meeting. Participation credit at a session is defined as participating in meetings during at
16 least 75% of the meetings slots (designated as required) for participation credit at that session.
17 Membership starts at the third plenary session attended by the participant.

18
19 ~~All persons participating in the initial meeting of the WG become members of the WG.~~
20 ~~Thereafter, membership in a WG is established by participating in the meetings of the WG at two~~
21 ~~out of the last four plenary sessions, and (optionally) a letter of intent to the Chair of the WG.~~
22 ~~Participation at a meeting is defined as at least 75% presence at a meeting. Participation at a~~
23 ~~session is defined as participating in meetings during at least 75% of the meetings slots~~
24 ~~(designated as required for attendance credit) at that session. Membership starts at the third~~
25 ~~plenary session attended by the participant. The meetings from one duly constituted interim WG~~
26 ~~or Task Group session may be substituted for the WG meetings at one of the two plenary~~
27 ~~sessions required to establish membership (See subclause 7.2.5).~~

Comment [mjs35]: Clarification.

Comment [mjs36]: Added as a clarification.

Comment [mjs37]: Modified by comment resolution on 11/15/2009

28
29 Attendees of the WG who have not achieved member status are known as observers. Liaisons are
30 those designated individuals who provide liaison with other working groups or standards bodies.

31
32 Although not a requirement for membership in the WG, participants are encouraged to join the
33 IEEE, IEEE Standards Association (IEEE-SA) and the IEEE Computer Society. Membership in
34 the IEEE SA will also allow participants to join the sponsor level ballot group.

35
36 WG members shall participate in the consensus process in a manner consistent with their
37 professional expert opinion as individuals, and not as organizational representatives.

38
39 Membership may be declared at the discretion of the WG Chair (e.g., for contributors by
40 correspondence or other significant contributions to the WG).

41
42 The procedure for hibernating a WG is described in subclause 5.1.3.1 in the LMSC P&P. Upon
43 reactivation of a hibernated WG, if at least 50% of the most recent membership roster attends the
44 plenary session where the WG is reactivated, the membership shall be comprised of that roster,

1 and the normal rules for gaining and losing membership will apply. If less than 50% of the
2 membership attends, the procedure for developing membership in a new WG shall be followed.
3
4

5 **7.2.2. Retention**

6
7 Membership is retained by participating in at least two of the last four plenary sessions. One duly
8 constituted interim WG or task group session may be substituted for one of the two plenary
9 sessions.
10
11

Comment [mjs38]: Removed the term meeting from the end of sentence.

Comment [mjs39]: Originally read meeting.

Comment [mjs40]: Originally read meeting.

Comment [mjs41]: From Adrian:

I have interpreted this in 802.11 to mean any interim following the first of the 4 consecutive plenaries. Others may interpret this to mean any interim following the plenary before the first of 4 consecutive plenaries.

It may not matter that the rules are non-specific. But it does require an interpretation of the users of the rules.

12 **7.2.3. Loss**

13
14 Excepting recirculation letter ballots membership may be lost if two of the last three WG letter
15 ballots are not returned, or are returned with an abstention for other than “lack of technical
16 expertise.” This rule may be excused by the WG Chair if the individual is otherwise an active
17 participant. If lost per this subclause, membership is re-established as if the person were a new
18 candidate member.
19
20

21 **7.2.4. Rights**

22
23 The rights of the WG’s members include the following:
24

- 25 a) To receive a notice of the next session
- 26 b) To receive a copy of the minutes
- 27 c) To vote at meetings if and only if present
- 28 d) To vote in WG Letter Ballots
- 29 e) To examine all Working Draft documents
- 30 f) To lodge complaints about WG operation with the Sponsor
- 31 g) To petition the Sponsor in writing
32

33 Members of WG/TAG's are members of IEEE 802. A petition signed by two-thirds of the
34 membership of IEEE 802 forces the Sponsor to implement the resolution if allowed by
35 applicable governance.
36
37

38 **7.2.5. Meetings and Participation**

39
40 WG meetings are open to anyone who has complied with the registration requirements (if any)
41 for the meeting. Only members have the right to participate in the discussions. The privilege of
42 observers to participate in discussions may be granted by the WG Chair.

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7.3 Subgroups of the Working Group

This clause may be modified.

The working group may, from time to time, form subgroups for the conduct of its business. Only working group members appointed to the subgroup shall vote on questions within such subgroups. Such formation shall be explicitly noted in an official record, such as meeting minutes. At the time of formation, the working group shall determine the scope and duties delegated to the subgroup. Any changes to its scope and duties will require the approval of the working group. Any resolution of a subgroup shall be subject to confirmation by the working group.

The Chair of the working group shall appoint the chair of the subgroup.

8. Working Group Member Roster

This clause shall be included and shall not be modified except for the distribution of the roster or to be compliant with the Sponsor's procedures.

A working group member roster is a vital aspect of standards development. It serves as a record of members in the working group and is an initial tool if an issue of indemnification arises during the process of standards development.

A working group officer or designee shall maintain a current and accurate roster of members in the working group. The membership roster shall include at least the following:

- a) Title of the Sponsor and its designation
- b) Title of the working group and its designation
- c) Officers--Chair, Vice-Chair, Secretary, Treasurer
- d) Members (including names, email addresses, and affiliations for all members)

A copy of the working group member roster shall be supplied to the IEEE Standards Association at least annually by a working group officer or designee. Due to privacy concerns, the roster shall not be distributed, except to the SA staff, SA Board of Governors and SA Standards Board, unless all Working Group members have submitted their written approval for such distribution.

8.1 Working Group Member list

This clause may not be modified except for the distribution of the roster or to be compliant with the Sponsor's procedures.

Comment [mjs42]: We need to discuss how specific we should be here, vs leaving discretion in the OM. Some groups may prefer to not have an OM, and have freedom in how they define their subgroups.

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Comment [mjs43]: Taken from 3.2.2 of LMSC OM

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Comment [mjs44]: Adrian:
This can be read as saying that the WG cannot record additional information - e.g. attendance, letter ballot response and emails.
I think what it's saying is that that list that is publicly available is limited as specified, but it is not saying anything about records required to perform usual duties - e.g. contact details, attendance and voting data.

A working group officer or designee shall maintain a current and accurate membership list. The membership list can be posted on the committee web site and can be publically distributed. The membership list shall be limited to the following:

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6.1. Title of the Working Group and its designation

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7.2. Scope of the Working Group

8.3. Officers: Chair, Vice-Chair, Secretary (Treasurer)

9.4. Members: for all, name, [affiliation]

9. Voting

Comment [mjs45]: Should we discard 9.1 - 9.4 and replace them with 3.2.3.1.1 - 3 of our P&P. .2 and .3 would be combined as a single subclause.

9.1 Approval of an action

This clause shall be included and shall not be modified, except to choose between two-thirds and three-quarters or to be compliant with the Sponsor's procedures.

This issue is that we don't want to deviate too much from the AudCom rules because it makes it hard for them to review and they might reject it. Bit it is difficult to stick their rules in our format. Right now I've hacked in a comprmise position part way between our current rules and what AudCom desires, but I'll go with the consencus on all issues here.

Approval of an action listed in 9.2 and 9.3 requires approval by a majority or two-thirds or three-quarter) vote. A majority or two-thirds or three-quarters vote is defined as either:

a) At a meeting (including teleconferences) where quorum has been established, a vote carried by majority or two-thirds or three-quarters approval of the votes cast (i.e., Approve or Do Not Approve votes, excluding abstentions) by the voting members in attendance.

b) By electronic means (including email), a vote carried by majority or two-thirds or three-quarters of the votes cast (i.e., Approve or Do Not Approve votes, excluding abstentions), unless identified otherwise elsewhere in these P&P, provided a majority of all the voting members of the Committee responded.

Comment [mjs46]: In IEEE 802 this will apply only for LB on Draft Standards. See section on balloting draft standards.

Comment [mjs47]: Should we add a response time requirement here as in 3.2.3.1.2 of the LMSC OM.

9.2 Actions Requiring Approval by a Majority

This clause shall be included and shall not be modified except to include additional voting actions, or to be compliant with the Sponsor's procedures.

The following actions include approval by a majority vote

a) Adoption of working group procedures or revisions thereof

b) Formation of a subgroup, including its procedures, scope, and duties

c) Disbandment of subgroups

d) Any other procedural matter put to a vote by the Chair not defined elsewhere in Clause 9 of this document.

Comment [mjs48]: This will require a 75% vote for LMSC WG

Comment [mjs49]: This line was initially added based on LMSC OM 3.2.1.1 c., now in 6.5.1 of WG P&P After further discuss WG Chairs did not want to limit themselves to a majority vote, so this line was deleted and the specific voting levels / process unspecified.

9.3 Actions Requiring Approval by two-thirds or three-quarters Vote

This clause shall be included and shall not be modified except to include additional voting actions, or to change approval to three-quarters or to be compliant with the Sponsor's procedures.

The following actions require approval by two-thirds vote:

Comment [mjs50]: Currently none. We could add a few key actions from RoR such as calling the question to avoid confusion.

The following actions require approval by three-quarters vote:

- a) Approval of change of the working group scope
b) Approval to move the draft standards project to the Sponsor for IEEE Standards Sponsor ballot
c) Any matter regarding the establishment or modification of a PAR or that would make a non-editorial change to a draft standard
d) A decision to submit a draft standard or a revised standard to the Sponsor for conduct of Sponsor Ballot. See 9.6 for additional constraints.
e) Permit officer to run for election who has held the office 5 or more partial terms (See 6.2).
f) Initiate officer elections other than at the first plenary session of even numbered years (See 6.2).
g) Adoption of an Operations Manual or revisions thereof
h) Any other technical matter not defined elsewhere in Clause 9 of this document

Comment [mjs51]: Originates from 3.2.3.1.1 of LMSC OM 3rd paragraph

Comment [mjs52]: Based on 3.2.3.1.3.

Comment [mjs53]: Originates from first paragraph of 3.2.1 of LMSC OM

Comment [mjs54]: Originates from second paragraph of 3.2.1 of LMSC OM

Comment [mjs55]: This deviates from the AudCom baseline which permits a majority vote. Also, only the Sponsor may revise this document (the LMSC WG P&P), and the rules for that are in the LMSC OM. The rule here is for revision of other documents the WG may create.

Comment [mjs56]: Based on 3.2.3.1.1 of LMSC OM, first line

These actions are subject to confirmation by the Sponsor.

9.4 Voting between meetings

Comment [mjs57]: Should we permit all action to be conducted eltronically, particularly instatement of chairs?

This clause shall be included and shall not be modified except to be compliant with the Sponsor's procedures.

The working group shall be allowed to conduct votes between meetings at the discretion of the Chair by use of a letter or electronic ballot. If such actions are to be taken, they shall follow the rules of IEEE Bylaw I-300.4(4).

9.5 Quorum

This clause shall be included and shall not be modified except to modify shaded values and state quorum definitions otherwise approved by the Sponsor.

Comment [mjs58]: Plenary sessions have an automatic quorum. Should that be reflected here?

The presence of a quorum must be announced by the Chair at the beginning of each meeting. Unless otherwise approved by the Sponsor, a quorum shall be defined as one-third of working group members. If a quorum is not present actions may be taken subsequent to confirmation by a letter or electronic ballot as detailed in 9.4, or at the next working group meeting.

Comment [mjs59]: This change is in agreement with the current LMSC OM 3.2.3.1.1.

No quorum is required at meetings held in conjunction with the plenary session since the plenary session time and place is established well in advance. No quorum is required for any WG meeting publicly announced at least 45 days in advance. A quorum is required at other WG meetings.

Comment [mjs60]: See current LMSC OM 3.2.3.1.1

9.6 Actions Requiring a Letter Electronic Ballot

Approval to forward a draft standard to the Sponsor shall require approval by a WG Letter Electronic Ballot. Abstains shall require a reason be given, and Do Not Approve votes shall require comments on changes required to modify the vote to Approve. For a letter ballot on a draft standard to be valid a majority of all the voting members of the Committee must have responded Approve, Do Not Approve, or Abstain. Comment resolution, recirculations, etc should be consistent with Sponsor ballot rules and 5.4.3.2 of the IEEE-SA Standards Board Operations Manual.

Comment [mjs61]: In IEEE 802 this will apply only for LB on Draft Standards. See section on balloting draft standards.

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The response time for a WG LB on a draft shall be at least thirty days. However, for recirculation ballots the response time shall be at least fifteen days.

Submission of a draft standard or a revised standard to the Sponsor shall be accompanied by any outstanding negative votes and a statement of why these unresolved negative votes could not be resolved.

Revised drafts approved in subsequent WG LB for forwarding to the Sponsor Ballot Group do not require Sponsor approval for forwarding.

Comment [mjs62]: Based on similar text in 3.2.3.1.2 of the LMSC OM

9.7 Roll Call Votes

A roll call vote may be held at the discretion of the chair.

In addition, a roll call vote may be called for by any member of the group, at any time from when the question has been put until the vote tally is competed. The call does not require a second, and cannot be debated, amended, or have any other subsidiary motion applied to it.

Upon a call for a roll call vote, the chair shall proceed according to these three options.

- a) ~~a)~~ The chair may hold the vote
- b) ~~b)~~ The chair may hold a vote on the question of whether to hold a roll call vote. This vote shall achieve greater than 25% of the members voting Yes to pass. The 25% is counted by dividing the count of Yes votes by the sum of the Yes and No votes. This vote is not subject to a roll call vote.
- c) ~~e)~~ The chair may refuse the request for a roll call vote if this privilege is being abused by members repeatedly calling for a roll call vote. The chair shall allow both the majority and minority reasonable and fair use of the roll call vote.

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Each roll call vote and call for a roll call vote shall be recorded in minutes of the meeting. For each roll call vote, the minutes shall include each member's name, their vote and the final result of the vote. For each call for a roll call vote, the minutes shall include:

- i. ~~i.~~ The name of the requestor of the roll call vote.
- ii. ~~ii.~~ The decision of the chair on the request and, when applicable, the results of the vote on whether to hold the roll call or the reasons of the chair for denying the roll call vote.

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Comment [mjs63]: Taken from 3.2.3.1.1 of LMSC OM

10. Meetings

This clause may be modified.

Comment [mjs64]: From Jon:

Working Group meetings shall be held, as decided by the working group, the Chair, or by petition of three-twentieths or more of the members, to conduct business, such as making assignments, receiving reports of work, considering draft standards, and considering views and objections from any source.

This is another clause where "session" and "meeting" may be confused. The last two paragraphs seem to be in the wrong Clause. Balance and affiliation should be in different clause. I would suggest 7.2.5 as a target for the affiliation requirement. Although it is interesting that we declare in 7.2.1 that WG members are professional expert individuals, and not representatives, so how can one represent others...

A working group meeting shall be announced, by a working group officer or designee, 21 calendar days in advance to all participants. An agenda shall be distributed at least 14 calendar days in advance of a meeting.

The working group, or meeting host, may charge a meeting fee to cover services needed for the conduct of the meeting. The fee shall not be used to restrict participation by any interested parties.

While having a balance of all interested parties is not an official requirement for a working group, it is a desirable goal. As such, the officers of the working group should consider issues of balance and dominance that may arise and discuss them with the Sponsor. A balanced body is required for IEEE Standards Sponsor ballot.

1 Participants shall be asked to state their affiliation at each working group meeting. If the
2 participant is a consultant, that participant may be asked to declare if he or she represents the
3 interests of an organization other than himself or herself at the meeting.

11. Conduct

8 This clause shall be included and shall not be modified except to be compliant with the
9 Sponsor's procedures.

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11 It is expected that participants in the working group behave in a professional manner at all times.
12 Participants shall demonstrate respect and courtesy towards officers and each other, while
13 allowing participants a fair and equal opportunity to contribute to the meeting, in accordance
14 with the IEEE Code of Ethics.

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16 All working group participants shall comply with all applicable laws (nation-based and
17 international) and act in accordance with all IEEE Standards policies and procedures. Where
18 applicable, working group participants shall comply with IEEE Policies Section 9.8 on Conflict
19 of Interest."

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12. Appeals

24 This clause shall be included and shall not be modified except to be compliant with the
25 Sponsor's procedures.

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27 The working group recognizes the right of appeal. If technical or procedural appeals are referred
28 back to the working group, every effort should be made to ensure that impartial handling of
29 complaints regarding any action or inaction on the part of the working group is performed in an
30 identifiable manner.

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32 If the working group must conduct an appeal hearing, it shall model its appeals process based on
33 the appeals processes of the IEEE-SA Standards Board.

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13. Communications

40 This clause may be modified.

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42 Inquiries relating to the working group should be directed to the Chair and recorded by the
43 Secretary. All replies to such inquiries shall be made through the Chair. These communications
44 shall make it clear that they are responses from the working group.

14. **WG Financial Operations**

A WG may wish or need to conduct financial operations in order for it to host interim sessions for itself or one or more of its sub groups or to acquire goods and/or services that it requires for its operation.

A WG that claims any beneficial interest in or control over any funds or financial accounts whose aggregate value is \$500 or more is determined to have a treasury and said to be “operating with treasury”.

A WG may operate with treasury only if it requests permission and is granted permission by the Sponsor to operate with treasury and thereafter complies with the rules of this subclause. The WG request to operate with treasury shall be supported by a motion that has been approved by the WG. The WG may, again by WG approved motion, surrender Sponsor granted permission to operate with treasury. The Sponsor may withdraw permission for a WG to operate with treasury for cause.

A WG subgroup shall not operate with treasury.

14.1 WG Financial Operation with Treasury

The financial operations of a WG operating with treasury shall comply with the following rules.

a) The WG shall conduct its financial operations in compliance with all IEEE, IEEE-SA, and IEEE Computer Society rules that are applicable to the financial operations of standards committees. As of January 2005, the documents containing these rules include, but are not limited to, the following:

- IEEE Policies, Sections 11 IEEE Financial Matters and 12.6 Contracts with Exclusive Rights
- IEEE Financial Operations Manual (FOM), Sections FOM.3 Asset/Liability Management and FOM.8 Contract and Purchasing Orders
- Computer Society Policies and Procedures Manual, Section 16.7.1 Checking Accounts
- IEEE-SA Standards Board Operations Manual 5.3 Standards development meetings

b) The WG shall have a Treasurer who is responsible to the WG Chair and Sponsor Treasurer for the operation of the WG treasury, for ensuring that the operation of the WG treasury and the WG financial accounts complies with this OM and follows prudent financial procedures. The WG Treasurer shall:

- i) Maintain a budget
- ii) Control all funds into and out of the WG’s bank accounts

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- iii) Follow IEEE policies concerning standards meetings and finances
- iv) Read the IEEE Finance Operations Manual

c) The WG shall have an Executive Committee (WG EC) comprised of, at minimum, the WG Chair, Vice Chairs, Secretaries, and Treasurer. The WG Chair shall be the Chair of the WG EC.

d) The WG shall open and maintain a WG bank account whose title shall begin with "IEEE" followed by the numerical identity of the WG (e.g., IEEE 802.1). The LMSC Chair shall be an authorized signer for the account. The LMSC Treasurer shall be notified within 30 days of the bank, account number, account title, and authorized signers for the account when the account is opened and whenever any of these items change.

e) The WG may open and maintain one or more WG merchant accounts for the settlement of credit card transactions. The title of each merchant account shall begin with "IEEE" followed by the numerical identity of the WG (e.g., IEEE 802.1). Each WG merchant account shall be linked to the WG bank account. The LMSC Treasurer shall be notified within 30 days of each merchant account, account number, and account title when the account is opened and whenever any of these items change.

f) All funds collected and/or received by a WG shall be deposited in the WG bank account.

g) All funds retained by a WG shall be held in the WG bank account or in IEEE approved investments.

h) The WG may disburse and/or retain funds as appropriate to pay approved expenses and maintain an approved operating reserve.

i) Signature authority for any WG financial account is restricted to those IEEE, IEEE-SA, and Computer Society officers and/or staff that are required to have signature authority by IEEE, IEEE-SA, and Computer Society regulations; to LMSC officers and to the officers of the WG owning the account, with the sole exception that, at most, two other individuals may be granted signature authority for the WG bank account for the sole purpose of assisting the WG in conducting its financial operations, provided that each such individual has provided agreements, indemnity, and/or bonding satisfactory to the IEEE. The granting of signature authority to any individual other than the WG Treasurer and those required by IEEE, IEEE-SA, Computer Society, or LMSC regulations shall be by motion that is approved by the WG.

j) The WG shall prepare and maintain its own accounting and financial records.

k) The WG Treasurer shall prepare for each WG plenary session a financial report that summarizes all of the WG financial activity since the last such report. The report shall be submitted to the LMSC Treasurer before the opening of the session, shall be presented to WG membership at the opening plenary meeting of the session, and shall be included in

1 the session minutes. The format and minimum content of the report shall be as specified
2 by the LMSC Treasurer.

- 3
- 4 l) The WG Treasurer shall prepare and submit an audit package for each calendar year
5 during any portion of which the WG operated with treasury, as required by IEEE
6 regulations. The package shall contain all material required by IEEE Audit Operations for
7 an IEEE audit and shall be submitted to the IEEE for audit or to the LMSC Chair for
8 local audit, as required by IEEE audit regulations. If the package is submitted to the
9 IEEE, a summary of the WG's financial operations for the audit year shall be submitted
10 to the LMSC Chair at the same time that the audit package is submitted to the IEEE. The
11 format and minimum content of the summary shall be as specified by the LMSC
12 Treasurer.
- 13
- 14 m) The maximum and minimum size of the WG operating reserve may be set by the
15 Sponsor.
- 16
- 17 n) All WG expenditures require the approval of the WG EC, with the sole exception that
18 each WG EC member may be reimbursed from the WG treasury for up to \$200 of WG
19 expenses incurred between WG sessions without specific approval of the WG EC.
- 20
- 21 o) The location, date, and fees for each interim session hosted or co-hosted by the WG
22 require the approval of the WG EC.
- 23
- 24 p) For each interim session hosted or co-hosted by the WG, all reasonable and appropriate
25 direct expenses for goods and/or services for the session that are provided under
26 contract(s) and/or agreement(s) that are exclusively for that interim session are approved
27 when the WG EC approves the location, date, and fees for the session.
- 28
- 29 q) Any contract and/or agreement to which the WG is a party, whose total value is greater
30 than \$5000 and that is not for goods and/or services exclusively for a single interim
31 session hosted or co-hosted by the WG, requires the approval of the WG EC and the
32 Sponsor before execution.
- 33
- 34 r) The WG shall maintain an inventory of each item of equipment that it purchases that has
35 a useful life of greater than 6 months and purchase price of greater than \$50. A copy of
36 the inventory shall be provided to the LMSC Treasurer during December of each year.
- 37
- 38

39 **14.2 WG Financial Operation with Joint Treasury**

40 Two or more WGs with the approval of the Sponsor, may operate with a single joint treasury.
41 WGs that operate with a joint treasury shall have no other treasury. The merger of separate WG
42 treasuries into a joint treasury or the splitting of a joint treasury into separate WG treasuries
43 requires approval of the Sponsor. Each such action shall be supported by a motion from each of
44 the involved WGs that requests the action and that has been approved by the WG.
45

1
2 The operation of a joint treasury is subject to the same rules as a WG operating with treasury
3 with the following exception: The Executive Committee overseeing the joint treasury shall be a
4 Joint Executive Committee that is the union of the Executive Committees of the WGs operating
5 with the joint treasury. The Chair of the Joint EC shall be selected by the Joint Executive
6 Committee and shall be the Chair of one of the participating WGs.

7 | _____
8 | **Comment [mjs65]:** Taken from 3.2.4 of LMSC OM.