

Approved by the IEEE SA Board of Governors: September 2024

IEEE Standards Association Operations Manual

The Institute of Electrical and Electronics Engineers, Inc.
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Contents

1. Introduction	1
1.1 Scope and purpose	1
1.2 Mission	1
1.3 Conformance of products or systems to IEEE standards	1
2. References	3
3. Abbreviations and acronyms	4
4. Procedures for the IEEE Standards Association Board of Governors (IEEE SA BOG).....	5
4.1 IEEE SA BOG position description.....	5
4.2 IEEE SA BOG membership	6
4.3 Transaction of business.....	10
4.4 Appeals.....	12
5. Standing committees of the IEEE SA.....	16
5.1 IEEE SA Standards Board	16
5.2 Awards and Recognition Committee (ArCom)	18
5.3 Entity Collaborative Activities Governance Board (CAG)	20
5.4 Nominations and Appointments Committee.....	22
5.5 Standards Conduct Committee	24
5.6 IEEE SA Finance Committee (SA FinCom)	25
5.7 Registration Authority Committee (RAC).....	25
5.8 Strategic and Emerging Standards Committee (SESCoM).....	26
5.9 IEEE Standards Association Fellow Nominations Support Committee (FelCom).....	26
5.10 NESC Main Committee	26
6. IEEE SA procedures.....	28
6.1 Membership qualifications	28
6.2 Membership dues.....	28
6.3 Membership privileges	28
6.4 Suspension or expulsion	29
6.5 Position statements	30
6.6 Suspension or revocation of IEEE SA participation privileges	31
7. Relationships with other organizations.....	33
7.1 External Representatives	33
8. Maintenance	36
8.1 Maintenance and modification of the <i>IEEE Standards Association Operations Manual</i>	36
8.2 Interpretations of the <i>IEEE Standards Association Operations Manual</i>	36
8.3 Conflict with <i>IEEE SA Standards Board Bylaws</i>	36

IEEE Standards Association Operations Manual

1. Introduction

1.1 Scope and purpose

IEEE Bylaw I-303.6 establishes the IEEE Standards Association. The IEEE Standards Association is represented on the IEEE Board of Directors and major Boards as specified in applicable provisions of the *IEEE Bylaws* and *IEEE Policies*. Its organization beyond that specified in the *IEEE Bylaws* and *IEEE Policies* is governed by this operations manual.

1.2 Mission

The IEEE Standards Association provides a globally open, inclusive, and transparent environment for market relevant, voluntary consensus standardization and other consensus activities that serve the global needs of industry, government, and the public. It also works to assure the effectiveness and high visibility of this program both within the IEEE and throughout the global community.

When appropriate, the IEEE SA will cooperate with standardizing groups throughout the world in the preparation of standards involving an area of interest within the scope of the IEEE. Approval of a standard by the IEEE SA signifies that the IEEE believes the document to be consistent with good engineering practice and that it represents a consensus of representatives from materially affected industries, governments, or public interests.

The IEEE SA is assigned authority for the standardization activities of the IEEE by the IEEE Board of Directors. The IEEE SA fulfills this assignment by activities such as but not limited to:

- a) Encouraging active development of needed standards. This involves, for example, promotion of open and innovative deliberations that result in broad consensus in accordance with due process procedures detailed in the bylaws and operations manuals of the subsidiary boards and committees of the IEEE SA BOG.
- b) Building upon the strengths of the standards developing community by involving appropriate interests and outside organizations.
- c) Representing IEEE to external bodies on standards matters. This includes providing for cooperation with, and IEEE participation in, the activities of other organizations consistent with its scope and responsibilities.
- d) Appointing External Representatives to participate in external bodies on standards matters (see 7.1). The IEEE SA also provides speakers to make presentations at meetings and conferences on subjects related to IEEE's standards interests and to participate in panels on standards-related subjects.

1.3 Conformance of products or systems to IEEE standards

1.3.1 Conformance

With the approval of the IEEE Board of Directors and as authorized, the IEEE SA BOG may establish groups

- a) To act for the IEEE in product testing or in certification of products or systems to comply with

IEEE standards, or

- b) To offer opinion in the name of the IEEE on the conformance of products or systems to the requirements of IEEE standards for their intended use and safe operation.

1.3.2 IEEE standard designations

The unauthorized use of IEEE standards numbers to convey conformance with a corresponding IEEE standard shall constitute a declaration of conformance solely by the party using the number, and such party shall indicate that the IEEE has not certified, endorsed, or approved any such product.

2. References

IEEE Bylaws (current edition).

IEEE Policies (current edition).

IEEE Code of Conduct (current edition).

Robert's Rules of Order, Perseus Publishing (current edition).

3. Abbreviations and acronyms

This list offers only those acronyms and abbreviations used in this Operations Manual.

ArCom: IEEE Standards Association Awards and Recognition Committee

BOG: Board of Governors

CAG: Entity Collaborative Activities Governance Board

FelCom: IEEE Standards Association Fellow Nominations Support Committee

IEEE: Institute of Electrical and Electronics Engineers

NESC[®]: National Electrical Safety Code[®]

SA FinCom: IEEE Standards Association Finance Committee

SASB: IEEE SA Standards Board

SESCoM: Strategic and Emerging Standards Committee

TAB: Technical Activities Board of the IEEE

4. Procedures for the IEEE Standards Association Board of Governors (IEEE SA BOG)

The IEEE Standards Association (IEEE SA) shall be directed by a Board of Governors (BOG). The IEEE SA BOG shall establish policy, provide for financial oversight, and conduct standards-related activities within the technological fields of the IEEE. The IEEE SA BOG may establish and appoint boards, committees, and other organizational units as required to carry on the work of IEEE SA and promote its purposes.

4.1 IEEE SA BOG position description

The IEEE SA Board of Governors is accountable to the IEEE Board of Directors and the public at large to provide a broad spectrum of standards and standards-related products and services to meet the worldwide needs of industry, government, and the general public.

4.1.1 IEEE SA BOG responsibilities

It is the responsibility of the IEEE SA BOG and each Board member to uphold the reputation of the IEEE as a worldwide professional technical society and the IEEE SA as a world leader in the development and promulgation of standards. To carry out these responsibilities, the IEEE SA BOG will, at a minimum,

- a) Develop, pursue, and oversee programs to meet the global needs of standards developers and users
- b) Approve policy additions/changes with significant financial/strategic implications for the IEEE SA
- c) Approve IEEE SA position statements
- d) Monitor developments in government and industry that demonstrate the need for standards-related activities and propose appropriate action to the IEEE SA Standards Board
- e) Make recommendations to the IEEE Board of Directors on standards-related issues
- f) Maintain and be familiar with the current *IEEE Standards Association Operations Manual* in concert with *IEEE Bylaws* and *IEEE Policies*
- g) Hold meetings to accomplish the work of the IEEE SA BOG
- h) Establish, manage, and disband committees, as appropriate, to perform the work of the IEEE SA BOG
- i) Itself and through the President, appoint BOG Members and other governance volunteers to serve in various roles on committees, boards, and ad hocs supporting the goals of the IEEE SA
- j) Strive to establish and maintain a constituency of IEEE SA members representative of all basic interests, including:
 - 1) Technical societies and councils
 - 2) Member and Geographic organizational units
 - 3) Industry
 - 4) Government

- 5) The general public
 - k) Provide financial oversight for the overall operation of the IEEE SA
 - l) Recommend candidates to stand for election by the IEEE SA constituency for the positions of IEEE SA President-Elect in alternating years, and two IEEE SA BOG members-at-large annually
 - m) Appoint two IEEE SA BOG members-at-large annually
 - n) Appoint the chair of the IEEE SA Standards Board
 - o) Appoint the membership of the IEEE SA Standards Board
 - p) Provide an awards program for recognition of exceptional service

4.1.2 IEEE SA BOG functions

The IEEE SA BOG will perform the following basic functions:

- a) Establish and maintain a constituency of a wide range of basic interests among industry, government, and public areas
- b) Address the global standardization interests of the technical societies and geographic organizational units of the IEEE
- c) Establish and achieve strategic, long-range goals and objectives, typically every 3-5 years, to better serve the constituency and customer base with appropriate standards-related products and services
- d) Review all policy additions and/or changes with significant financial or strategic implications
- e) Set policy for new methods of standards development as needed
- f) In conjunction with staff, be responsible for the delivery of the various components of the IEEE SA strategy

4.2 IEEE SA BOG membership

4.2.1 IEEE SA BOG member qualifications

All members of the IEEE SA BOG shall act in accordance with IEEE Standards policies and procedures, *IEEE Code of Conduct*, *IEEE Bylaws*, and *IEEE Policies* including, but not limited to, Section 9.9 on Conflict of Interest, and Section 7.8 on the IEEE Code of Ethics. Members of the IEEE SA BOG shall reflect the technical and global standards interests of the IEEE. Consistent with IEEE Policy 9.8, the IEEE SA Nominations and Appointments Committee shall seek a diverse set of candidates representing a broad range of geographies, technical societies, and types of affiliations, e.g., industry, government, and academia.

Members-at-large shall have demonstrated involvement in standards activities within the IEEE, interest in and commitment to global standards, and IEEE regional representation. Members-at-large of the IEEE SA BOG shall fulfill the responsibilities given in 4.1.1.

All candidates, whether nominated by the IEEE SA BOG or by petition, shall have had recent experience within industry or government. "Recent" experience is defined as association, within the past three years,

with industry or government as an employee, consultant, or another demonstrable relationship that provides an understanding of the standards and other IEEE SA program needs of industry or government.

In accordance with IEEE Bylaw I-307.3, all candidates proposed for election or appointment to the IEEE SA BOG, including the IEEE SA President, IEEE SA BOG members-at-large, the IEEE SA Treasurer, and non-voting members appointed by the IEEE SA President, shall be vetted by IEEE Legal and Compliance prior to their submission for a ballot of the membership or appointment by the IEEE SA BOG.

Individuals who have been sanctioned with suspension or expulsion from IEEE by the IEEE Board of Directors or who have been sanctioned with suspension or expulsion from the IEEE SA by either the IEEE Board of Directors or the IEEE SA BOG shall not be considered eligible for election or appointment to the IEEE SA BOG until 10 years after the end of their sanction period.

4.2.2 IEEE SA President

4.2.2.1 Duties

The term of office for the IEEE SA President shall be two years. The IEEE SA President shall not serve consecutive terms. The IEEE SA President shall serve as a member of the IEEE Board of Directors.

Duties of the IEEE SA President shall include but not be limited to

- Commitment to IEEE's goals and strategic directions
- The efficient organization of committees and work programs to assure achievement of IEEE SA objectives
- Serving as the internal IEEE contact on standards matters
- Establishing contacts with government and industry leaders to assure IEEE SA responsiveness to their standards needs
- Chairing the IEEE SA BOG
- Appointing members and liaisons to IEEE committees, boards, and other groups
- Appointing up to six non-voting members-at-large to the IEEE SA BOG for a one-year term upon approval by the IEEE SA BOG. Each appointed non-voting member shall meet the requirements in 4.2.1 and should bring a specifically needed skill or experience not found in the current BOG membership. In addition, each non-voting member of the IEEE SA BOG shall be an individual member of the IEEE SA.

Duties of the IEEE SA President-Elect and IEEE SA Past President, during their terms of office, shall include but not be limited to

- Serving as Vice-Chair of the IEEE SA BOG.
- Assisting the IEEE SA President in IEEE SA, IEEE, and other activities as may be requested.

4.2.2.2 Election process

Every other year, there shall be an election to fill the position of IEEE SA President-Elect, with service beginning the following year. Following a term of one year as IEEE SA President-Elect, the holder of that office shall serve as IEEE SA President for the subsequent two-year term and shall serve as IEEE SA Past President for a subsequent one-year term.

The IEEE SA Nominations and Appointments Committee shall formally solicit candidates for IEEE SA President from 1 March to 1 June of the year preceding an IEEE SA President election. By 15 November, the IEEE SA Nominations and Appointments Committee shall finalize the proposed slate. At least two nominees for IEEE SA President-Elect shall be proposed and submitted to the IEEE SA BOG for its endorsement or modification at the scheduled final meeting of the year preceding the election. All candidates, whether nominated by the IEEE SA BOG or by petition, shall be members of IEEE SA, of IEEE Senior Member or Fellow grade, shall have previously served as a member of the IEEE SA BOG, shall have knowledge of, and involvement in, standards development activities, shall have proven leadership in their professions, and shall have had recent experience within industry or government. “Recent” experience is defined as association, within the past three years, with industry or government as an employee, consultant, or another demonstrable relationship that provides an understanding of the standards and related consensus platform needs of industry or government.

When selecting candidates for IEEE SA President, the IEEE SA Nominations and Appointments Committee shall examine the candidates’ industry or government experience; knowledge of, and involvement in, standards development activities; and proven leadership in their professions.

Upon endorsement by the IEEE SA BOG, the list of candidates for IEEE SA President-Elect shall be sent to IEEE Corporate Activities to be put forward for election by the members of the IEEE SA who are also members of the IEEE. By 1 May, the candidate slate shall be made public. Voting members of the IEEE Standards Association may propose, by petition, names to be added to the ballot for the offices of IEEE SA President-Elect, using the processes in accordance with IEEE Bylaw I-307. IEEE Corporate Activities shall distribute ballots no later than the first business day following 14 August, 12:00 p.m. ET (UTC-4) of the first business day following 30 September is the deadline for the return of ballots. Within ten business days of the return ballot deadline, the election results shall be announced. The IEEE SA President-Elect shall be elected by a plurality of the votes cast by the eligible members of the IEEE SA who are also members of the IEEE.

4.2.2.3 Election tellers

The counting of the tally of votes will be a part of the IEEE annual election process and shall follow the applicable procedures specified in IEEE Bylaw I-307.

4.2.2.4 Credentials and disputes

Any dispute or appeal connected with the election of the IEEE SA President-Elect shall be submitted to the IEEE for a review of the complaint and for action in accordance with IEEE Bylaw I-307.17 and I-307-19.

4.2.3 IEEE SA BOG Members-at-Large

The term of office of the IEEE SA BOG members-at-large shall be two years. Members-at-large may serve an unlimited number of terms but not more than three terms consecutively. The members-at-large of the IEEE SA BOG shall serve alternating terms, with four members elected/appointed each year. Two members-at-large shall be elected by the eligible members of the IEEE SA and two members shall be appointed by the IEEE SA BOG.

4.2.3.1 Election process for IEEE SA BOG members-at-large elected by the eligible members of IEEE SA

The IEEE SA Nominations and Appointments Committee shall formally solicit candidates for the upcoming year’s IEEE SA elections from 1 February to 1 May. By 15 November, the IEEE SA Nominations and Appointments Committee shall finalize the proposed slate for the following year’s election. At least two nominees for each vacancy shall be proposed and submitted to the IEEE SA BOG for its endorsement or modification at the scheduled final meeting of the year preceding the election. All candidates shall be members of the IEEE SA, of IEEE Member, Senior Member, or Fellow grade, and shall

have previously served as a member of the IEEE SA BOG, the IEEE SA Standards Board, the IEEE SA CAG, or one of the Strategic Management and Delivery Committees.

Upon endorsement by the IEEE SA BOG, the list of candidates shall be sent to IEEE Corporate Activities to be put forward for election by the members of the IEEE SA. By 1 May, the candidate slate shall be made public. Voting members of the IEEE Standards Association may propose, by petition, names to be added to the ballot, using the processes in accordance with IEEE Bylaw I-307. IEEE Corporate Activities shall distribute ballots no later than the first business day following 14 August. 12:00 p.m. ET (UTC-4) of the first business day following 30 September is the deadline for the return of ballots. Within ten business days of the return ballot deadline, the election results shall be announced. Those members-at-large shall be elected by a plurality of the votes cast by the eligible members of IEEE SA.

4.2.3.2 Appointment process for IEEE SA BOG members-at-large appointed by the eligible members of the IEEE SA BOG

The IEEE SA Nominations and Appointments Committee shall formally solicit candidates for open positions from 1 February to 1 May of the appointment year. A minimum of three candidates for two positions shall be submitted to the IEEE SA BOG for its endorsement or modification at its second scheduled meeting of the appointment year. All candidates shall be members of the IEEE SA, of IEEE Member, Senior Member, or Fellow grade, and should have previously served as a member of the IEEE SA BOG, the IEEE SA Standards Board, the IEEE SA CAG, or one of the Strategic Management and Delivery Committees.

Those members-at-large shall be appointed by a plurality of the votes cast by the eligible members of the IEEE SA BOG at a meeting, normally held by teleconference, scheduled prior to the last regularly scheduled meeting of the IEEE Board of Directors in the year of appointment. IEEE SA BOG members vote for no more than two candidates. If the top two candidates cannot readily be determined due to a tie, a runoff ballot will be held. Any candidates already appointed or eliminated by the initial ballot are excluded from the runoff ballot.

The results of the appointment shall be confirmed by majority approval at a meeting of the IEEE SA BOG at which those results are reported. The appointment results will be submitted to the IEEE Board of Directors for its ratification at or before its last regularly scheduled meeting of the year of appointment.

The appointment results shall be announced after action by the IEEE Board of Directors. Those selected to serve on the IEEE SA BOG will begin their term of service in the year immediately following the appointment.

4.2.3.3 Election tellers

For those members-at-large that are elected by the eligible voting members of the IEEE SA, the counting of the tally of votes will be a part of the IEEE annual election process and shall follow the applicable procedures specified in IEEE Bylaw I-307.

4.2.3.4 Credentials and disputes

Any dispute or appeal connected with the election of the IEEE SA BOG members-at-large shall be submitted to the IEEE for a review of the complaint and for action in accordance with IEEE Bylaw I-307.

4.2.4 IEEE SA Treasurer

The IEEE SA Treasurer, who shall be appointed by the IEEE SA President, and upon approval by the IEEE SA BOG, shall serve a two-year term and shall be a member of IEEE SA, and of IEEE Member, Senior Member, or Fellow grade. The IEEE SA Treasurer may serve an unlimited number of terms but not more than three terms consecutively. The IEEE SA Treasurer, or a past IEEE SA Treasurer, shall serve as the

Chair of the IEEE SA Finance Committee (SA FinCom). The IEEE SA Treasurer shall serve as a member of the IEEE Finance Committee.

4.2.5 Vacancies

If the IEEE SA President is unable to complete his or her term of office, the Past President of the IEEE SA or the IEEE SA President Elect, whoever is serving on the IEEE SA BOG at that time, shall serve out the term. If the Past President of the IEEE SA is unable to complete his or her term of office, the most recent Past President of the IEEE SA willing to serve shall fill the position. If the IEEE SA President Elect is unable to complete his or her term of office, a special election shall be held to fill the position. If a member-at-large is unable to complete his or her term of office, the IEEE SA President shall have the discretion of deciding whether to hold a special election/appointment process or to appoint a person to serve out the term. If the IEEE SA Standards Board Chair is unable to complete his or her term of office, the Vice-Chair of the IEEE SA Standards Board shall serve out the term. If the IEEE SA Treasurer is unable to complete his or her term, the IEEE SA President shall appoint a person to serve out the term.

4.3 Transaction of business

Except as specified in the *IEEE Bylaws* and this manual, meetings will be conducted in accordance with the latest edition of *Robert's Rules of Order*.

4.3.1 Agenda

A preliminary agenda for each meeting shall be prepared by the Secretary and distributed to the members of the IEEE SA BOG at least two weeks prior to a scheduled meeting.

A final agenda shall be presented at the time of the IEEE SA BOG meeting. Recommendations to the IEEE SA BOG from the committees of the IEEE SA BOG shall be contained in an agenda item known as a "consent agenda." Prior to approval of the agenda, any member may request that an item on the consent agenda be removed and considered separately as part of the agenda. Adoption of the consent agenda as modified constitutes approval of all included items by unanimous consent. The balance of the agenda normally includes, in the order shown, the President's report, the Secretary's report, action items, information and discussion items, committee reports, and new business.

4.3.2 Minutes

The minutes of each meeting of the IEEE SA BOG shall be sent by the Secretary to IEEE SA BOG members, those present at the meeting, and anyone involved in an action of the IEEE SA BOG within four weeks following the meeting. In reporting an official action of the IEEE SA BOG, the minutes shall, on request of dissenters, contain a record of the dissenting votes. In addition, a listing of resolutions of each meeting of the IEEE SA BOG shall be made available to the public by the Secretary within four weeks following the meeting.

4.3.3 Meetings

Dates for regular meetings shall be approved by the IEEE SA BOG. Special meetings of the IEEE SA BOG may be called by the IEEE SA President if necessary.

Meetings may be held in person, by telephone, or by videoconference, or by any combination of these three means. Members of the IEEE SA BOG are responsible for the costs of attending meetings.

4.3.3.1 Meeting venues

Proposals for meeting venues for the IEEE SA BOG shall be made by staff according to the following criteria:

- a) Location selection shall be based on accessibility, cost, and availability of appropriate meeting space
- b) Date and location selection shall be made with consideration for special IEEE events and opportunity for local interactions

Consideration of a venue near the New Jersey Operations Center for at least one meeting each year is encouraged.

While unforeseen circumstances may require a change of meeting dates or locations, a proposal for such an alteration shall be accompanied by the expected financial impact of such a change including, but not limited to, existing contractual obligations, pre-arranged travel, and projected expense of the new dates and location.

4.3.4 Action between meetings

4.3.4.1 Ad-Hoc council

If action needs to be taken between meetings, an ad-hoc council consisting of the IEEE SA President; the IEEE SA President Elect or the most recent IEEE SA Past President willing to serve; the Chair of the IEEE SA Standards Board; the Managing Director, IEEE Standards Activities; and one member-at-large shall have the authority to take such action. Use of the ad-hoc council shall not be made unless unavoidable. The Managing Director, IEEE Standards Activities, shall serve as an ex-officio member of the council without vote.

The member-at-large on the ad-hoc council shall be selected from among the eight members-at-large on the IEEE SA BOG. The member-at-large on the ad-hoc council shall be determined at the final meeting of the IEEE SA BOG during the calendar year. The term of service shall be for the following year.

Meetings of the ad-hoc council may be held in person, by telephone, or by videoconference, or by any combination of these three means.

4.3.4.2 Functions of the ad-hoc council

The ad-hoc council shall have all the powers and duties of the IEEE SA BOG except for such matters not permitted to be delegated to the ad-hoc council pursuant to Section 712(a) of the New York Not-for-Profit Corporation Law and for other matters that the BOG has, by resolution, expressly reserved to itself. All such powers and duties of the IEEE SA BOG that the ad-hoc council is authorized to exercise pursuant to this subclause, and all other powers and duties that the ad-hoc council is authorized to exercise pursuant to other provisions of the *IEEE Bylaws*, shall be subject to the following limitations:

- a) Except if and to the extent otherwise expressly provided in other provisions of the *IEEE Bylaws*, that the BOG may by majority vote of those present and eligible to vote at any meeting overrule any act or decision of the ad-hoc council.
- b) The IEEE SA BOG may direct any action or plan of the ad-hoc council.

4.3.4.3 Ballots

The IEEE SA BOG may use ballots to take action between meetings. Such ballots shall be sent via mail, electronic mail, or fax to each IEEE SA BOG member. No confirmation of receipt of the ballots will be requested. Unanimous written consent of those members of the IEEE SA BOG eligible to vote shall be received by the date specified on the ballot in order for the action to be taken between meetings. If all ballots are not returned by the date specified on the ballot, the IEEE SA President may elect to extend the

ballot two times to receive the returned ballots. Notification of such extensions shall be sent to all IEEE SA BOG members by mail, electronic mail, or fax.

4.4 Appeals

Persons who have directly and materially affected interests and who have been, or could reasonably be expected to be, adversely affected by a decision of the IEEE SA BOG, or by the lack thereof, shall have the right to appeal actions or inaction of the IEEE SA BOG. In addition, pursuant to section 5.8.9 of the *IEEE SA Standards Board Operations Manual*, an appellant may appeal an IEEE SA Standards Board Appeal Panel's final decision to the IEEE SA BOG.

The IEEE SA BOG shall not consider appeals of technical decisions based on technical grounds or make findings with respect to ethical rules. All technical decisions shall be made at or below the Standards Committee level. Any person dissatisfied with an ethical decision shall be advised to bring such claim to the attention of the IEEE Ethics and Member Conduct Committee or the IEEE SA Standards Conduct Committee, as appropriate.

4.4.1 BOG Appeal Officers

The BOG Appeal Officers shall be the IEEE SA President and the IEEE SA BOG Vice Chair for Appeals.

At the first IEEE SA BOG meeting of the year, the IEEE SA President shall appoint, subject to ratification by the IEEE SA BOG, one of its voting members to serve as the IEEE SA BOG Vice Chair for Appeals. The IEEE SA BOG Vice Chair for Appeals shall form BOG Appeal Panels to hear specific appeals. If the IEEE SA BOG Vice Chair for Appeals has a conflict regarding the subject matter of an appeal, the IEEE SA President shall appoint another member of the IEEE SA BOG to serve as the IEEE SA BOG Vice Chair for Appeals for that particular appeal.

If the IEEE SA President has a conflict regarding the subject matter of an appeal, the IEEE SA President shall appoint a non-conflicted member of the BOG to serve as the second BOG Appeal Officer for that particular appeal.

4.4.2 Appeal brief

The appellant shall file a written appeal brief with the Secretary of the IEEE SA BOG within (i) 30 days after the date of notification of action of the IEEE SA BOG; (ii) within 30 days after an IEEE SA Standards Board Appeal Panel's decision becomes final; or (iii) after 30 days and within 60 days with respect to inaction of the BOG. The appeal brief shall state the nature of the objection(s) including any adverse effects, the clause(s) of the procedures or the standard(s) that are at issue, actions or inaction that are at issue, and the specific remedial action(s) that would satisfy the appellant's concerns. Previous efforts, including all subordinate appeals, to resolve the objection(s) and the statement of outcome/decision of each, including a sequence of events of these efforts, shall be provided. The appellant shall include documentation supporting all statements in the appeal brief. All issues regarding the subject action or inaction shall be filed together in one appeal brief.

The Secretary shall send the appellant a written acknowledgment of receipt of the appeal brief within five business days of such receipt. The BOG Appeal Officers shall review the appeal brief and determine within 20 days of receipt of the appeal brief if the appeal shall be heard by an IEEE SA BOG Appeal Panel. The BOG Appeal Officers shall review whether the appellant has established a prima facie case, especially in reviewing whether any previous SASB Appeal Panel decision appealed from was adjudicated in accordance with the relevant P&Ps. If it is determined that a prima facie case has not been established, the Secretary shall notify the appellant in writing that the appeal will be dismissed. If it is determined that the IEEE SA Standards Board should hear the appeal, the appeal shall be referred to the IEEE SA Standards Board and adjudicated according to IEEE SA Standards Board processes (see subclause 5.4 of the *IEEE SA Standards Board Bylaws* and subclause 5.8 of the *IEEE SA Standards Board Operations Manual*). If the

IEEE SA Standards Board considers an appeal from a referral from the IEEE SA BOG, any results of that appeal shall be reported to the Secretary of the IEEE SA BOG within ten days of the IEEE SA Standards Board final decision.

If the BOG Appeal Officers determine that an IEEE SA BOG Appeal Panel should hear the appeal, the Secretary shall, within 30 days of receipt of the appeal brief, send the appellee a copy of the appeal brief and acknowledgement, and shall send the appellant and the appellee a written notice of the date, time, and location for an in-person hearing (“hearing notice”) with the BOG Appeal Panel (see 4.4.4). The in-person hearing with the BOG Appeal Panel shall be scheduled at the location set for, and during the period of, the first IEEE SA BOG meeting that is at least 60 days after mailing of the hearing notice by the Secretary.

Upon agreement of the appellant, the appellee, and all of the BOG Appeal Panel members, (i) one or more of the participants in an in-person hearing may participate by telephone; or (ii) the hearing may be held solely by telephone at a date/time prior to the scheduled in-person hearing. The Chair of the BOG Appeal Panel will facilitate such agreements.

New evidence meeting the requirements of 4.4.5 shall be provided at least two weeks before the date of the BOG Appeal Panel hearing.

4.4.3 Reply brief

Within 45 days of receipt of the hearing notice, the appellee may send the appellant and Secretary a written reply brief, which specifically and explicitly addresses each allegation of fact in the appeal brief to the extent of the appellee’s knowledge. If the appellee furnishes a reply brief, the brief shall include documentation supporting all statements contained in the reply brief.

4.4.4 BOG Appeal Panel

Except as noted below, the BOG Appeal Panel shall consist of three voting members of the IEEE SA BOG who have not been directly involved in the matter in dispute, and who will not be materially or directly affected by any decision made or to be made concerning the dispute (“BOG Appeal Panel”). In the event that it is not possible to find three such disinterested voting members of the IEEE SA BOG to serve on a BOG Appeal Panel, the IEEE SA BOG Vice Chair for Appeals may appoint any disinterested IEEE SA member to serve as a member of the BOG Appeal Panel. At least two members of the BOG Appeal Panel shall be acceptable to the appellant and at least two shall be acceptable to the appellee. If the parties to the appeal cannot agree on a BOG Appeal Panel within a reasonable amount of time, the IEEE SA BOG Vice Chair for Appeals shall unilaterally appoint members of the BOG Appeal Panel. If a BOG Appeal Panel member resigns or is removed from the BOG Appeal Panel at any time before the appeal hearing, then the IEEE SA BOG Vice Chair for Appeals shall appoint a replacement. The replacement shall be subject to the acceptability criteria described above.

To ensure continuity of the appeals process, a specific BOG Appeal Panel will remain impaneled until the publication of the BOG Appeal Panel's final decision(s).

4.4.5 Conduct of the hearing

The number of participating (i.e., speaking) representatives for each of the parties to the appeal is limited to a maximum of three (3). Other individuals may attend the hearing, but will not be permitted to address, or be addressed by, the BOG Appeal Panel or either of the parties to the appeal at any time (including during the question-and-answer period). No recordings or verbatim transcriptions of the hearing are allowed, except by the IEEE SA at its sole discretion.

The BOG Appeal Panel may call an Executive Session before, during the course of, or following an appeal hearing to consider its action on a specific appeal.

No party to an appeal may communicate with any member of the BOG Appeal Panel regarding the appeal while the matter is pending (i.e., from the time of filing of the appeal brief to finalization of the BOG Appeal Panel decision).

The appellant has the burden of demonstrating adverse effects, improper actions or inaction, and the efficacy of the requested remedial action. Each party may present other pertinent arguments, and members of the BOG Appeal Panel may address questions to individuals. The BOG Appeal Panel shall only consider documentation included in the appeal brief and reply brief, unless

- a) Significant new evidence has come to light; and
- b) Such evidence reasonably was not available to the appellant or appellee, as appropriate, at the time of filing; and
- c) Such evidence was provided by the appellant or appellee, as appropriate, to the other parties as soon as it became available.

Prior to the hearing, the members of the BOG Appeal Panel may convene to review the ground rules before the participants appear.

4.4.6 BOG Appeal Panel decision

The BOG Appeal Panel shall render its decision, based upon majority vote of the BOG Appeal Panel (BOG Appeal Panel members shall vote to find in favor of the appellant or the appellee and shall not abstain), in writing within 30 days of the hearing, stating findings of fact and conclusions, with reasons therefore, based on a preponderance of the evidence. The BOG Appeal Panel shall only address the concerns raised by the appellant and the appellee. Consideration may be given to the following positions, among others, in formulating the decision:

- a) Finding for the appellant, with a specific statement of the issues and facts showing that an IEEE policy or procedure was violated. In formulating its conclusions, the BOG Appeal Panel may prescribe the remedy proposed by the appellant or may prescribe an alternative remedy;
- b) Finding against the appellant, with a specific statement of the issues and facts showing that appellant failed to meet its burden to demonstrate that an IEEE policy or procedure had been violated; or
- c) Finding that new, substantive evidence has been introduced, and remanding the entire action to the appropriate committee for reconsideration.

If the appeal has been previously heard by an SASB Appeal Panel, the appellant does not have the right to retry appellant's case before the BOG Appeal Panel. Rather, appellant must show by a preponderance of evidence that the SASB Appeal Panel made an error by failing to follow its own policies and procedures. The appellant shall be barred from bringing new evidence before the BOG Appeal Panel unless such evidence reasonably was not available to the appellant at the time of the SASB appeal hearing. In such a case, the BOG Appeal Panel will determine whether such new evidence could change the outcome of the proceeding and, if so, shall remand the entire action back to the SASB Appeal Panel for its reconsideration. Where the appeal was previously heard by an SASB Appeal Panel, the BOG Appeal Panel may give consideration to the following positions, among others, in formulating the decision:

- 1) Finding for the appellant with a specific statement of how the SASB Appeal Panel failed to follow its own policies and procedures and remanding the action to SASB Appeal Panel with instructions that the SASB Appeal Panel issue a ruling on the subject of the appeal correctly following its own policies and procedures;

- 2) Finding against the appellant, with a specific statement of the facts that demonstrate that appellant failed to meet its burden to demonstrate that the SASB Appeal Panel did not follow its own policies and procedures; or
- 3) Finding that new evidence has been introduced which (i) was not reasonably available to the appellant at the time of the SASB appeal hearing; and (ii) could change the outcome of the proceeding, and remanding the entire action to the SASB Appeal Panel for reconsideration.

The BOG Appeal Panel Chair, through the Secretary, shall notify the appellant, the appellee, and members of the IEEE SA BOG in writing of the decision of the BOG Appeal Panel.

If a BOG Appeal Panel member resigns or is removed after a hearing, then the remaining two members of the BOG Appeal Panel may issue a decision if their decision is unanimous. If it is not unanimous, then the IEEE SA BOG Vice Chair for Appeals shall appoint a replacement BOG Appeal Panel member and a rehearing shall be conducted during the next IEEE SA BOG meeting series.

4.4.7 Request for re-hearing of the BOG Appeal Panel decision

If the appeal relates to a decision of the IEEE SA BOG or lack thereof, the decision of the BOG Appeal Panel shall become final 30 days after it is issued, unless one of the parties files a written notice of request for re-hearing prior to that date with the Secretary, based on new evidence, provided such new evidence existed at the time of the hearing, but was not reasonably available to either the appellant or appellee, as appropriate, at the time of the hearing. In such case, the decision of the BOG Appeal Panel shall be stayed pending review by the IEEE SA President and the IEEE SA BOG Vice Chair for Appeals within 20 days of receipt of the written request. The review shall decide

- a) To adopt the report of the BOG Appeal Panel, and thereby deny the request for re-hearing; or
- b) To direct the BOG Appeal Panel to conduct a re-hearing.

If the appeal relates to an appeal of an IEEE SA Standards Board Appeal Panel's final decision in accordance with section 5.8.9 of the *IEEE SA Standards Board Operations Manual*, neither party may request a rehearing and the decision of the BOG Appeal Panel shall become final 30 days after it is issued.

4.4.8 Informal settlement

The IEEE SA encourages settlement of disputes at any time if the settlement is consistent with the objectives of the IEEE SA Policies and Procedures. Any settlement (to which the parties agree in writing) that is consistent with these policies and procedures, or an agreement to withdraw the appeal, will terminate the appeal process.

5. Standing committees of the IEEE SA¹

All members of the standing committees of the IEEE SA, as well as the members of any ad hoc committees appointed by the BOG or the IEEE SA President, shall act in accordance with applicable IEEE Standards policies and procedures, *IEEE Code of Conduct*, *IEEE Bylaws*, *IEEE Policies* including, but not limited to, Section 9.9 on Conflict of Interest, and Section 7.8 on the IEEE Code of Ethics.

5.1 IEEE SA Standards Board

The BOG shall establish and appoint a Standards Board to encourage and coordinate the development and revision of IEEE standards; to approve the initiation of IEEE standards projects; and to review them for consensus, due process, openness, and balance. The IEEE SA Standards Board shall give final approval to IEEE standards prior to publication and shall process all necessary appeals.

The rules and procedures for the IEEE SA Standards Board are contained in the *IEEE SA Standards Board Bylaws* and the *IEEE SA Standards Board Operations Manual*. The BOG shall approve proposed changes to *IEEE SA Standards Board Bylaws* unless there is a conflict with its governing documents. Any conflict shall be resolved by a task force appointed by the IEEE SA President.

5.1.1 Chair of the IEEE SA Standards Board

The Chair of the IEEE SA Standards Board shall be appointed by the IEEE SA BOG, shall be an IEEE Member, Senior Member, or Fellow, and shall have previously served as a member of the IEEE SA Standards Board. This individual shall be chosen for management skills, a strong industrial background, leadership abilities, and experience with standards. The chair is responsible for moving the IEEE SA standards program forward effectively and efficiently. The chair shall ensure that the IEEE SA standards program works in the best interests of the IEEE.

5.1.2 Membership of the IEEE SA Standards Board

The IEEE SA Standards Board shall consist of no fewer than 18 or more than 26 voting members, who shall be of Member or higher grade of the IEEE and who are members of the IEEE Standards Association. Included in the membership are the following:

- a) *Chair*: The Chair of the IEEE SA Standards Board shall be appointed for a term of one year by the IEEE SA BOG. Subject to IEEE Bylaw I-304.5, the Chair is eligible for re-appointment for up to two additional consecutive one-year terms.
- b) *Vice-Chair*: The Vice-Chair of the IEEE SA Standards Board shall be appointed by the IEEE SA Standards Board from among the voting members for a term of one year. Subject to IEEE Bylaw I-304.5, the Vice-Chair is eligible for re-appointment for up to two additional consecutive one-year terms. This appointment shall be made by the Standards Board at its first meeting of the year.
- c) *Past Chair*: The most recent Past Chair of the IEEE SA Standards Board willing to serve shall serve as a member of the Standards Board.
- d) *Secretary*: The Managing Director of Standards, or another member of the IEEE staff as designated by the IEEE Executive Director, shall serve as the Secretary of the IEEE SA Standards Board. The Secretary shall serve *ex officio* without vote.

¹Note that not all committee operations are detailed in this clause.

Other voting members of the IEEE SA Standards Board shall be appointed by the IEEE SA BOG. The membership shall reflect the current standards needs of societies that are developing standards, industry sectors, international interests, and selected organizations (e.g., government, consumer). The representative of the IEEE Technical Activities Board (TAB), who is appointed by TAB, shall be a voting member. In addition, the IEEE SA Standards Board may include nonvoting participants as described below:

- 1) Liaison representatives to provide coordination and communication between the IEEE SA Standards Board and other IEEE organizational units, as well as other organizations involved in standards activities.
- 2) Members emeriti elected for life by the IEEE SA BOG, based on long years of prior distinguished service on the IEEE SA Standards Board and its committees. Only those members emeriti currently named to this position as of 31 December 1997 shall serve on the IEEE SA Standards Board.
- 3) Observers from invited national governments.

5.1.2.1 Liaison representatives

The following persons serve as nonvoting (unless already voting members) liaison representatives to the IEEE SA Standards Board and its standing committees to assist in coordinating standardization work with their respective organizations:

- a) Representatives of IEEE Societies and Councils (and their Technical Committees), appointed by the Presidents or Chairs of these bodies. Standards Committees may also designate liaison representatives where committee standards activity indicates the need for representation.
- b) Liaison representatives designated by other major IEEE Boards.
- c) Such other liaison representatives as the IEEE SA Standards Board may authorize.

The responsibilities of the liaison representatives are given in the *IEEE SA Standards Board Operations Manual*.

5.1.2.2 Tenure

Members of the IEEE SA Standards Board may serve up to three consecutive one-year terms, except that chairs of standing committees or members of the Administrative Committee may be appointed to additional terms to provide experience and continuity.

5.1.3 IEEE Standards meetings

Policies concerning IEEE standards development meetings shall be specified in subclause 5.3 of the *IEEE SA Standards Board Operations Manual*. This subclause contains special considerations for annual financial reporting and quarterly entry of financial transactions; for meetings with expenses for the IEEE of more than US \$25,000; and for income or expenses for the IEEE that cumulatively exceed US \$250,000 per year. No change in these monetary figures may be made in the *IEEE SA Standards Board Operations Manual* without the prior approval of the IEEE SA BOG.

All Standards Committees shall ensure the annual certification of detailed financial activity via the IEEE SA online financial reporting tool. This financial information shall include the operation of the Standards Committee and all of its standards development subgroups (e.g., working groups, task groups) and is due by 15 February of each year for the previous fiscal year's activity. In addition, quarterly entry of financial transactions shall be completed in the online financial reporting tool within 45 days of the end of each

fiscal quarter (March, June, September, and December) and shall be considered delinquent if not submitted by that time.

All Standards Committees with actual income or expenses for the IEEE of US \$250,000 or more per year shall be audited by a fully qualified, independent professional auditor. The Standards Committee may select an outside accounting firm, another fully qualified resource, or the IEEE Internal Audit Department to arrange for and perform the audit. The selection of such auditors should avoid any conflict of interest with members of the relevant Standards Committees. Audit fees, as determined by the outside accounting firm or the IEEE Internal Audit Department shall be budgeted by all Standards Committees requiring an audit. If the IEEE Internal Audit Department is selected to provide the auditing service, all required documentation is due no later than 15 March. If prepared by an independent auditor, the contract/MOU for their services is due to the IEEE Internal Audit Department by 15 March; the final and complete audit report shall be submitted to the IEEE Internal Audit Department by 30 April.

5.2 Awards and Recognition Committee (ArCom)

This committee is responsible for administering the IEEE SA awards program. Awards in this program include: IEEE SA level awards, IEEE SA Standards Board level awards, and other standards-related awards. It shall act on behalf of the IEEE SA BOG to receive nominations and recommend candidates for IEEE SA BOG approval, as appropriate, for IEEE standards awards. It shall submit nominations for standards awards sponsored by other organizations.

The nomination period for IEEE SA awards (exclusive of the Working Group awards and the IEEE Charles Proteus Steinmetz Award) shall be 1 February to 31 July of each calendar year. If necessary, an extension (no later than 31 August) may be granted at the discretion of ArCom.

This committee shall be comprised of five members, including a chair. Two of the committee members shall be voting members of the IEEE SA Standards Board, two of the members shall be members of the IEEE SA BOG, and one member shall be a member of IEEE SA. The chair and the other members shall be appointed for a term of one year by the IEEE SA President. The chair shall serve as the IEEE SA representative on the IEEE Awards Board.

5.2.1 IEEE SA sponsored awards

5.2.1.1 IEEE SA Corporate Award

This award may be presented annually to an IEEE SA member organization for providing outstanding leadership and contributions to the IEEE SA. Consideration shall be given to those nominees who have worked to achieve the IEEE Standards Association vision and mission.

Further information on the award, including eligibility and the nominations process, is provided at the IEEE Standards website.

5.2.1.2 IEEE SA International Award

This award may be presented annually to an IEEE SA individual member (who is also an IEEE member) who has made an extraordinary contribution to establishing the IEEE SA as a world-class leader in standardization.

Achieving acceptance of an IEEE SA standard for worldwide implementation, harmonizing an IEEE SA standard with international market requirements, and interacting with national and international bodies to enhance their understanding of the breadth and strength of the IEEE SA standards program are examples of promoting the goals of this award.

Further information on the award, including eligibility and the nominations process, is provided at the IEEE Standards website.

5.2.1.3 IEEE SA Emerging Technology Award

This award may be presented annually to an individual, working group, or company that has initiated or advanced a new technology within the IEEE SA standards development process and has produced a balloted standards document (e.g., standard, recommended practice, or guide) that has market relevance. It is not necessary for the final document to be approved, but substantial progress beyond the PAR is necessary.

Further information on the award, including eligibility and the nominations process, is provided at the IEEE Standards website.

5.2.1.4 IEEE SA Lifetime Achievement Award

This award may be presented annually to an individual whose achievements include:

- Significant technical contributions to, and an extraordinary career in, their field of interest;
- Outstanding service to the IEEE SA, enabling achievement of its objectives; and
- Demonstrated commitment to standards development of at least 15 years.

Further information on the award, including eligibility and the nominations process, is provided at the IEEE Standards website.

5.2.1.5 IEEE SA Standards Medallion

This is an award for major contributions to the development of standards. Recipients need not be members of the IEEE, and their contributions may be to standards of other national and international standardizing bodies, provided such standards are in the IEEE fields of interest and constitute a significant contribution to the profession.

Further information on the award, including eligibility and the nominations process, is provided at the IEEE Standards website.

5.2.1.6 IEEE SA Standards Committee Award for Outstanding Contributions to Entity Standards Development

This award may be presented annually to Standards Committees that have shown exceptional support of the entity standards development process. Candidates for this award are determined by ArCom and approved by the IEEE SA BOG.

Further information on the award, including eligibility and the nominations process, is provided at the IEEE Standards website.

5.2.1.7 IEEE SA Conformity Assessment Award

This award may be presented annually to an individual or entity to recognize major contributions to the development and promotion of IEEE standards products through conformity assessment activities.

Further information on the award, including eligibility and the nominations process, is provided at the IEEE Standards website.

5.2.2 IEEE SA Standards Board sponsored awards

5.2.2.1 Distinguished Service Award

This award is given to present and past members of the IEEE SA Standards Board for meritorious and distinguished service to the IEEE SA Standards Board and its programs. ArCom develops a list of nominees and conducts a ballot within the committee to determine the recipient(s).

Further information on the award, including eligibility and the nominations process, is provided at the IEEE Standards website.

5.2.2.2 IEEE SA Standards Board Working Group Chair Award

This award may be presented, at the discretion of the Working Group Chair, to the officers of the working group and to technical editors, in recognition of a significant contribution to the development of the approved IEEE standard. For standards developed jointly with other organizations, this award may also be presented to the Working Group Chair, to the officers of the working group, and to the technical editors of the standard.

Processing of a request for awards shall occur after IEEE SA Standards Board approval of the standard has been received.

Further information on the award is provided at the IEEE Standards website.

5.2.2.2.1 IEEE SA Standards Board Working Group Certificate of Appreciation

This certificate may be presented, at the discretion of the Working Group Chair, to working group participants, in recognition of an important contribution to the development of the approved IEEE standard.

Processing of a request for certificates shall occur after IEEE SA Standards Board approval of the standard has been received.

Further information is provided at the IEEE Standards website.

5.2.3 Other standards-related awards

5.2.3.1 IEEE Charles Proteus Steinmetz Award

This award was established by the IEEE Board of Directors in 1979. As discussed in IEEE Policy 4.8, it is administered by the IEEE Awards Board through its Technical Field Awards Council. It may be presented annually to an individual only “for exceptional contributions to the development and/or advancement of standards in electrical and electronics engineering.”

Further information on the nominations process is given at the IEEE Standards website.

Nomination forms may be obtained from the Staff Secretary, IEEE Awards Board, 445 Hoes Lane, Piscataway, NJ, 08854, USA.

5.3 Entity Collaborative Activities Governance Board (CAG)

The IEEE SA CAG is a standing committee of the IEEE Standards Association reporting to the IEEE SA BOG. The CAG shall be responsible for managing and coordinating all aspects of entity engagement in IEEE SA activities, including but not limited to, entity strategy, managing the IEEE SA Industry Connections Committee as well as managing or interfacing with other entity-related programs within IEEE

SA, guiding market development activities related to entity members, and sustaining, retaining and growing IEEE SA entity membership and their engagement.

The CAG shall also be responsible for procuring entity input concerning the IEEE standards process and strategic direction and for recommending appropriate action to the IEEE SA BOG. The CAG may also serve as an IEEE SA Standards Committee (as defined in clause 5.2.2 of the *IEEE SA Standards Board Bylaws*). If the CAG chooses to serve in this capacity, any of its activities as a Standards Committee shall be under the jurisdiction of the IEEE SA Standards Board and subject to its rules of standards development. The CAG Chair shall report to the IEEE SA BOG at least annually on the activities of the group.

This group shall be comprised of a minimum of 11 up to a maximum of 15 voting members. This total includes the CAG Chair, elected members, appointed members, and the Strategic Outreach position member. All members shall serve two-year terms with the exception of the Strategic Outreach position. The chair of the CAG shall be a member of the IEEE SA BOG, shall represent an entity in the IEEE Standards Association (see 6.1), shall be appointed by the IEEE SA BOG, shall be an IEEE SA Member, an IEEE Member, Senior Member, or Fellow, and shall have previously served as a member of the CAG. The chair of the CAG may serve an unlimited number of terms but not more than three terms consecutively. The Nominations and Appointments Committee shall propose nominee(s) for the chair of the CAG. The IEEE SA President may appoint up to two members, serving in alternating two-year terms, who should be either present or past members of the IEEE SA BOG and shall represent entities in the IEEE Standards Association. The IEEE SA Standards Board Chair may appoint one member of the IEEE SA Standards Board or its committees, who shall represent an entity in the IEEE Standards Association, to be a member of this group. There may be two members on the CAG, serving in alternating two-year terms, who are appointed by the chair of the CAG and shall represent entities in the IEEE Standards Association.

There may be one member of the CAG whose position represents broadening strategic global participation (“Strategic Outreach position”). The member in this position shall be a current employee of an entity member in the IEEE Standards Association. The member in this position shall be appointed to a one-year term by the BOG, which shall receive recommendations from the CAG.

The eligible entities in the IEEE Standards Association shall elect up to eight members-at-large of this group, up to four each year. These members-at-large should represent a breadth of key industry interests of the IEEE Standards Association. The Nominations and Appointments Committee shall propose nominees for each vacancy in an eligible member-at-large position. Those positions shall be elected by a plurality of the votes cast by the eligible entities of the IEEE Standards Association.

The CAG shall appoint a Vice-Chair from among its voting members for a term of one year. This appointment shall be made by the CAG at its first meeting of the year. If the Vice-Chair is unable to complete the one-year term, the chair of the CAG shall appoint an alternate voting member of the CAG to complete the unfinished term. The chair of the CAG may appoint a nonvoting individual to the group to serve as secretary.

Members serving in any CAG positions are eligible for re-election or reappointment. Members serving in the Strategic Outreach position may be appointed up to two consecutive terms. If the member serving in this position is interested in continued CAG participation, he or she can be recommended for any position other than the Strategic Outreach position.

5.3.1 CAG agenda

A preliminary agenda for each CAG meeting shall be prepared by the Secretary of the CAG or a designated person and distributed to CAG members at least two weeks prior to a scheduled meeting of the CAG. At the same time the agenda, without supporting documentation, shall be sent to all members of the IEEE SA BOG.

5.3.2 Vacancies

If the CAG chair is unable to complete his or her term of office, the IEEE SA President shall have the discretion of deciding whether to hold a special appointment process of the IEEE SA BOG or to appoint a person to serve out the term. If a person in an appointed position on the CAG is unable to complete his or her term of office, the appointer shall fill the position. If a CAG member-at-large is unable to complete his or her term of office, the CAG chair shall have the discretion of deciding whether to hold a special election of the eligible entities in the IEEE Standards Association or to appoint a person to serve out the term.

Any replacement appointment shall be ratified by the IEEE SA Board of Governors.

5.3.3 Change in entity affiliation

If a CAG member's entity affiliation changes, he or she shall be subject to re-election or re-appointment. If the position is an appointed position, the appointer shall determine if the re-appointment is acceptable. If the position is an elected position, the CAG chair shall have the discretion of deciding whether to hold a special election of the entity members in the IEEE Standards Association or to appoint a person to serve out the term.

If the CAG chair's entity affiliation changes, the IEEE SA President shall have the discretion of deciding whether to hold a special appointment process of the IEEE SA BOG or to re-appoint the CAG chair to serve out the term.

If a CAG member's affiliation changes to that of an IEEE SA entity member not already represented on the CAG, eligibility to remain on the CAG for the remainder of the CAG member's term is automatic.

If a CAG member's affiliation changes to an entity that is not a current IEEE SA entity member, that entity is expected to become an IEEE SA entity member. If such IEEE SA entity membership is not attained within three months after the CAG member's change of affiliation, the CAG member is subject to removal from the CAG at the discretion of the CAG Chair.

If a CAG member's affiliation changes to self, eligibility to remain on the CAG is at the discretion of the CAG Chair. Such a member shall be an IEEE SA individual member in order to maintain their position on the CAG.

In instances where it is impractical for the CAG Chair to render a decision, the CAG Vice-Chair shall make a ruling.

Any removal from the CAG and the resulting replacement appointment shall be ratified by the IEEE SA Board of Governors.

If a nominee for a CAG elected position has his or her entity affiliation change during the election process, or if public disclosure of an intention to change affiliation of an entity is made, the entity members of the IEEE Standards Association shall be informed of the change in affiliation.

CAG members and nominees for CAG positions have a duty to disclose a change of affiliation to the IEEE SA as soon as it can be made public.

The IEEE SA does not allow multiple CAG members with the same entity affiliation to serve concurrently.

5.4 Nominations and Appointments Committee

This committee shall submit lists of candidates to the IEEE SA BOG for

- The office of IEEE SA President-Elect as stated in IEEE Bylaw I-303.6

- The eligible member-at-large positions on the IEEE SA BOG
- The IEEE SA Standards Board Chair
- The members of the IEEE SA Standards Board
- The IEEE SA CAG Chair
- The eligible member-at-large positions on the IEEE SA CAG
- With the advice of the IEEE SA President and the IEEE SA Standards Board Chair, the members of the Nominations and Appointments Committee for the following year

Members of the IEEE SA BOG Nominations and Appointments Committee shall not be eligible for positions for which the IEEE SA BOG Nominations and Appointments Committee is responsible for making nominations. This committee shall be comprised of five voting members and additional nonvoting experts selected by the Nominations and Appointments Committee Chair, who shall be

- The chair, who shall be the past President of the IEEE SA, the past past President of the IEEE SA, or the President Elect of the IEEE SA. In the event of the unavailability or conflict of interest of the past President, the past past President shall be the chair of the Nominations and Appointments Committee. In the event of the unavailability or conflict of interest of the past past President, the President Elect shall be the chair of the Nominations and Appointments Committee. As stated in IEEE Bylaw I-307, the chair of the Nominations and Appointments Committee shall not be eligible to be elected to the IEEE Board of Directors during his or her term of service.
- One current or past member of the IEEE SA Standards Board, appointed by the BOG
- Two current or past members of the IEEE SA BOG, appointed by the BOG
- One current IEEE SA entity member representative, appointed by the BOG

Vacancies on the IEEE SA Nominations and Appointments Committee may, at the discretion of the IEEE SA President, be filled either by appointment by the IEEE SA President or by nomination by the IEEE SA Nominations and Appointments Committee and appointment by the IEEE SA BOG.

5.4.1 Nominations and appointments guidelines

Consistent with IEEE Policy 9.8, the Nominations and Appointments Committee will solicit nominations from IEEE Societies and councils, government, industry, and academia to determine candidates for IEEE SA President-Elect and to develop slates of members-at-large candidates for the IEEE SA BOG. General qualifications for these positions are given in 4.2.1.

Any candidate for election or appointment to any position under the purview of the Nominations and Appointments Committee shall disclose to the Nominations and Appointments Committee

- Any other offices he/she holds within the IEEE
- Any role he/she has outside the IEEE that places him/her in a position of doing business with the IEEE
- Any other possible source of conflict of interest

5.4.2 Appointment process for the IEEE SA Standards Board

The Nominations and Appointments Committee shall develop a slate of candidates for Chair of the IEEE SA Standards Board and for the members of the IEEE SA Standards Board. In selecting nominees, due consideration shall be given to the degree of interest and standards activities within the various IEEE Societies, interests of government regulatory bodies and industry, and requirements for balance. The IEEE SA BOG Nominations and Appointments Committee shall formally solicit candidates for both members of the IEEE SA Standards Board and for the IEEE SA Standards Board Chair from 1 March to 1 June of the appointment year. The IEEE SA BOG Nominations and Appointments Committee shall finalize the proposed slate for action by the IEEE SA BOG at the scheduled final IEEE SA BOG meeting of the year.

5.4.3 Election/appointment process for the IEEE SA CAG

The IEEE SA BOG Nominations and Appointments Committee shall formally solicit candidates for both members of the IEEE SA CAG and for the IEEE SA CAG Chair from 1 February to 1 May of the election/appointment year. The IEEE SA BOG Nominations and Appointments Committee shall finalize the proposed slate for action by the IEEE SA BOG at its second scheduled meeting of the year.

At the second scheduled IEEE SA BOG meeting of the year, the IEEE SA BOG shall appoint the IEEE SA CAG Chair for the following term. The IEEE SA entity membership elects the members-at-large of the IEEE SA CAG according to the procedure in 5.3.

5.4.4 Electioneering

Electioneering activities that provide information to IEEE SA voting members on all candidates and issues in an IEEE SA election are encouraged. All IEEE SA members eligible to vote in a particular election should be informed of the views of all candidates for that election; equal opportunity to express views shall be provided to all candidates for the same elective position. Election campaign activities shall be conducted in accordance with IEEE Policy 13.3.

IEEE SA email lists, newsletters, and reflectors shall not be used to send out messages related to the support or nonsupport of candidates for election (including elections at the IEEE level and outside of the IEEE). See IEEE Policies 13.3, 13.4, and 14.1 for further information.

5.5 Standards Conduct Committee

The IEEE SA President shall appoint a Standards Conduct Committee, consisting of a chair, two members, and three alternates. If a member has a conflict of interest and is therefore recused from participating, then the chair shall appoint one of the alternates to serve. If the chair is recused, then the IEEE SA President shall appoint a chair from the committee members or alternates. Alternates do not vote unless named to replace a recused member or Chair.

This committee shall:

- Review all notices and material as provided in subclause 6.6.1
- Request additional information as necessary to determine whether a hearing is required
- Conduct hearings as necessary
- Inform the IEEE SA BOG Secretary if no disciplinary action is recommended
- Recommend action(s) for discipline, as necessary, to the IEEE SA BOG

Upon receipt of the material from the IEEE SA BOG Secretary as described in subclause 6.6.1, the Standards Conduct Committee shall determine whether to conduct further proceedings based on material provided from the IEEE SA BOG Secretary and any additional information requested by the Standards Conduct Committee. If further proceedings will not be conducted, the IEEE SA BOG Secretary shall inform the complainant.

If the Standards Conduct Committee determines that further proceedings are warranted, then the person who is the subject of the complaint and the complainant will be informed of the hearing date and given an opportunity to attend the hearing. Neither the complainant nor the person who is the subject of the complaint may have an attorney or witnesses present at the hearing. If the person who is the subject of the complaint or complainant desires to provide a statement and/or to submit supplementary documentation to the Standards Conduct Committee prior to the hearing, they may do so through the IEEE SA BOG Secretary.

After considering the information described in the Notice (see subclause 6.6.1) and in any statements or supplementary documentation provided to the committee, as well as any information discussed during the hearing, the Standards Conduct Committee shall determine whether to recommend discipline to the IEEE SA BOG. The Standards Conduct Committee may recommend suspension or revocation of IEEE SA participation privileges upon an approval vote of two-thirds of the committee.

5.6 IEEE SA Finance Committee (SA FinCom)

This committee shall provide the financial oversight for the IEEE SA, including preparation of the annual IEEE SA budget. It shall report its information to the IEEE SA BOG.

This committee shall be comprised of six members, the IEEE SA President; the IEEE SA President-Elect or the most recent IEEE SA Past President willing to serve; the IEEE SA Treasurer, who shall be appointed by the IEEE SA President; the Managing Director, IEEE Standards Activities, who shall serve as an ex-officio member without vote; and two members-at-large appointed by the IEEE SA President and approved by the IEEE SA BOG. One of the members-at-large shall be a current IEEE SA BOG member and the other shall be a current or past member of the IEEE SA BOG, SASB, or CAG.

The IEEE SA is intended to be operated on an expense-neutral basis to the IEEE. It shall be financed by the revenue from the sale of documents, royalties from intellectual property, contracts, fundraising, and participatory fees for standards-related products and services. Fees for services shall be subject to periodic adjustment.

The IEEE SA Finance Committee shall review all proposals for programs and activities initiated with annual expense greater than \$250K or greater than 1 full-time equivalent (FTE) of resources annually and make a recommendation to the IEEE SA BOG concerning each proposal reviewed. It may review proposals below these thresholds at the request of the Managing Director.

5.7 Registration Authority Committee (RAC)

The IEEE Registration Authority Committee (RAC) shall provide oversight of all registration activities defined or referenced in IEEE standards. The RAC shall report to the IEEE SA BOG. Such registration activities include, but are not necessarily limited to, assignment of unique numbers or identifiers used by implementers of the standard, or listings of products or services defined by the standard. This committee is responsible for both the registry process and the registration-activity-related technical content of standards using a RAC administered registry.

This committee performs its registration authority function for approved (or proposed) IEEE standards or non-IEEE standards relevant to IEEE interests. The IEEE RAC also recommends new registries to the IEEE SA BOG.

Each IEEE standard that contains a registration activity shall have such registration activity presented to the IEEE RAC for consideration as a RAC administered registry. The IEEE maintains the right of first refusal to be the registration authority for all registries described in an IEEE Standard.

This committee shall be comprised of representatives of Standards Committees interested in registration. The RAC may have up to 21 members. The IEEE SA President shall appoint the chair of the RAC for a three-year term, renewable at the discretion of the IEEE SA President. The chair shall be a member of IEEE SA and of IEEE Member, Senior Member, or Fellow grade.

This committee shall have two members without vote, the RAC Secretary (IEEE staff) and the chair of the Standards Activities Board of the IEEE Computer Society (or designee). The RAC Chair may appoint additional technical experts to serve as non-voting members of the RAC. The IEEE SA BOG shall oversee this committee through its minutes and agendas.

5.7.1 RAC agenda

A preliminary agenda for each RAC meeting shall be prepared by the IEEE Standards Department staff (the IEEE OUI Registration Authority Administrator or a designated person) and distributed to RAC members at least two weeks prior to a scheduled meeting of the RAC. At the same time, the agenda, without supporting documentation, shall be sent to all members of the IEEE SA BOG.

5.8 Strategic and Emerging Standards Committee (SESCoM)

The Strategic and Emerging Standards Committee (SESCoM) is established to assist the IEEE Standards Association in launching, mentoring, and managing new, strategic, or emerging standards development projects for both the entity and individual method within the IEEE fields of interest for which there is no active Standards Committee. In addition, SESCOm can, subject to approval by the SASB, serve as the Standards Committee for a project in a field of interest where there is an active Standards Committee that through action or inaction has declined to progress the project. SESCOm may also oversee maintenance of standards for which the Standards Committee of record no longer exists. SESCOm is also intended to support standardization needs in all IEEE Regions and local communities, which may include forming Working Groups, Standards Committees, and Responsible Subcommittees for localization/adaptation of global IEEE standards, development of local standards, or adoption of IEEE standards documents as local/national standards.

SESCoM can support adoption of industry specifications as IEEE standards. SESCOm's policies and procedures shall be reviewed and approved by the IEEE SA BOG prior to submittal to the SASB for consideration of acceptance by the SASB.

The Chair and the Members of SESCOm shall be appointed by the IEEE SA President.

5.9 IEEE Standards Association Fellow Nominations Support Committee (FelCom)

The IEEE Standards Association Fellow Nominations Support Committee (FelCom) shall raise awareness and consideration of the technical merit of standards contributions and individual contributors for elevation to IEEE Fellow and shall advocate for consideration of a Standards Fellow evaluation committee by the IEEE Fellow Strategy and Operations Subcommittee (FSOS). FelCom shall be under the oversight and governance of the IEEE SA Board of Governors. Further details of this committee's operations can be found in the *IEEE SA FelCom Operations Manual*.

5.10 NESC Main Committee

Published exclusively by IEEE and updated every five years to keep the Code up-to-date with changes in the industry and technology, the National Electrical Safety Code® (NESC®) sets the ground rules and guidelines for practical safeguarding of utility workers and the public during the installation, operation, and

maintenance of electric supply, communication lines, and associated equipment. The National Electrical Safety Code (NESC) Main Committee shall operate under its ANSI-accredited policies and procedures and shall receive Secretariat support from the IEEE Standards Association. The NESC Main Committee shall be under the oversight and governance of the IEEE SA Board of Governors.

6. IEEE SA procedures

6.1 Membership qualifications

IEEE SA membership qualifications are specified in IEEE Bylaw I-403.1 and shall be established by the IEEE SA. Revisions to these qualifications shall require review and approval by the IEEE Board of Directors, using the process in accordance with IEEE Bylaw I-300.4(5).

Membership in the IEEE SA requires submission of a completed application, acceptance that the application fulfills the criteria for membership as established by the IEEE SA BOG, and payment of dues.

The IEEE SA may charge dues for membership and fees for services appropriate for the efficient operation and to assure financial stability of the IEEE SA. Requirements for participation by IEEE Life Members in IEEE SA are stipulated in IEEE Bylaw I-108.8.

An entity can be any for-profit or not-for-profit enterprise, as defined in IEEE Bylaw I-403. Controlled groups of enterprises shall be entitled to a single entity membership in IEEE SA except as otherwise provided for by the IEEE SA BOG. No one individual is permitted to serve as the entity member representative for more than one entity member of the IEEE SA.

6.2 Membership dues

The IEEE SA BOG may charge appropriate annual dues for membership and services, according to IEEE Bylaw I-107.4. The dues will be determined annually on a calendar basis.

The dues shall be as follows:

IEEE members: US \$68

IEEE Society Affiliate members: US \$68

Non-IEEE members: US \$306

Entity members:

- Corporations (less than US \$5 million annual revenue), academic institutions, associations, nonprofits, government agencies: US \$4200
- Corporations (US \$5 million to US \$100 million annual revenue): US \$8000
- Corporations (US \$100 million to US \$500 million annual revenue): US \$12000
- Corporations (more than US \$500 million annual revenue): US \$16000

6.3 Membership privileges

6.3.1 Balloting

IEEE SA members are permitted to vote on an unlimited number of proposed IEEE draft standards and on the withdrawal from active status of existing IEEE standards that have reached the Standards Association ballot stage (see clause 5.4 of the *IEEE SA Standards Board Operations Manual*). Individual IEEE SA members are permitted to vote on individual ballots. IEEE SA entity members are permitted to vote on entity ballots.

6.3.2 Indemnification

The IEEE SA follows the IEEE policies for indemnification as outlined in IEEE Bylaw I-300.3.

6.3.3 IEEE SA governance voting rights

6.3.3.1 IEEE SA President

IEEE SA members who are also members of the IEEE may vote for the position of IEEE SA President Elect, whose position becomes that of IEEE SA President following a one-year term as IEEE SA President Elect.

6.3.3.2 IEEE SA BOG members-at-large

IEEE SA members may vote for the member-at-large positions on the IEEE SA BOG that are elected by the eligible members of the IEEE SA.

6.3.3.3 IEEE SA CAG members-at-large

IEEE SA entity members may vote for the eligible member-at-large positions on the IEEE SA CAG.

6.3.4 Participant information

The IEEE SA reserves the right to share the following information with entity member companies about IEEE SA standards participants:

- Name and email address of those who claim employment by the company
- Name, email address, and project name from those who claim affiliation with the company

This data is made available to current IEEE SA entity members upon request.

6.4 Suspension or expulsion

Any IEEE SA member may be suspended or expelled from membership by the IEEE SA BOG for any of the following reasons:

- a) Failure to conform with the provisions of the *IEEE Bylaws*, the *IEEE Policies*, or the *IEEE SA Operations Manual*
- b) Any unethical or unlawful conduct unbecoming a member of IEEE SA or calculated to bring the IEEE or IEEE SA into disrepute
- c) Expulsion or suspension of an IEEE member who is also an IEEE SA member shall cause an expulsion or suspension of their IEEE SA membership for the duration of the IEEE expulsion or suspension
- d) Failure to continue to meet membership or eligibility requirements

Information on IEEE Policy 7.10 – Procedures for Member Conduct Complaints, other misconduct processes, and the IEEE Ethics Reporting Line can be found at <https://www.ieee.org/about/ethics/complaint-procedures.html>. Information concerning ethics and conduct processes of other IEEE Operating Units is available under Major Board Operations Manuals at <https://www.ieee.org/about/corporate/governance/index.html>.

6.4.1 Procedure for suspension or expulsion by membership vote

Upon being informed, through written notice directly to the IEEE SA BOG Secretary or through the IEEE Ethics Reporting Line at <http://www.ieee-ethics-reporting.org> or +1 888 359 6323 from an advisor of the event, that an event has happened that would constitute grounds for suspension or expulsion of any member from the IEEE SA, the IEEE SA BOG may suspend or expel such members upon approval of two-thirds of the voting members of the IEEE SA BOG.

The Secretary shall assess the notice to determine if the procedure is necessary, if additional material is needed from either the member or the advisor to aid in considering the matter, or if the notice can be sent directly to the IEEE SA BOG. When the IEEE SA BOG is to make a decision on a member's status, that member and the advisor will be informed of the meeting date and given an opportunity to attend that meeting and speak on their behalves. If the member or advisor desires to make an initial statement to the IEEE SA BOG prior to the meeting, they may do so through written notification to the Secretary. Any suspended or expelled member may appeal such suspension or expulsion by notifying the IEEE SA President within ten days of being advised in writing of such IEEE SA BOG action. Upon receipt of such notice, the IEEE SA BOG President shall schedule a hearing at the next meeting to hear the appeal under such procedures as it shall determine in advance thereof.

The procedures of the IEEE Ethics and Member Conduct Committee shall be referred to for guidance.

6.4.2 Reason and procedure for suspension or expulsion by the IEEE SA President

The IEEE SA President may, at his or her discretion, suspend or expel any member for failure to pay any dues or any assessments made within the authority of the *IEEE Bylaws* within 60 days after the payment thereof shall be due. Such action shall be effective two weeks after the member has received written notice of the proposed suspension or expulsion from the IEEE SA by certified mail, return receipt requested.

The procedures of the IEEE Ethics and Member Conduct Committee shall be referred to for guidance.

In cases where a member suspended from the IEEE SA is also a member of the IEEE, if the IEEE SA BOG determines that, because the acts of the member would fall within the IEEE Ethics and Member Conduct Committee's (EMCC's) purview per IEEE Bylaw I-110, the case shall be forwarded to the EMCC for possible further action. A member of the IEEE SA BOG shall then file a complaint in accordance with the procedures of the EMCC, looking towards the expulsion, suspension, or censure of the IEEE member.

6.4.3 Suspended and expelled members rights

Any member suspended from the IEEE SA shall have no claim against IEEE or IEEE SA or vote in the IEEE SA. Any member expelled from the IEEE SA shall have no further interest in the property of, or claim against, the IEEE SA, and shall be entitled to reapply only through reconsideration by the IEEE SA BOG and upon payment in full of all obligations to the IEEE SA outstanding at the time of expulsion.

6.5 Position statements

As stated in the *IEEE Policies*, IEEE recognizes the need for public statements on topics within the scope and purposes of IEEE. The IEEE SA BOG shall be the sole organizational unit to approve position statements representing the IEEE Standards Association. The BOG may request that another IEEE organizational unit (as defined in Section 15 of the *IEEE Policies*) offer a position statement on a standards matter. The rules in Section 15 of the *IEEE Policies* shall be followed in developing position statements. In addition, the BOG will accept for review and action any position statement presented to it by another body for issuance as an IEEE SA position statement.

Any position statements representing the IEEE Standards Association shall be approved by either the IEEE SA BOG or the IEEE SA BOG ad-hoc council. The IEEE SA President shall determine if usage of the

IEEE SA BOG ad-hoc council is warranted (see 4.3.4.1). The IEEE SA BOG may call upon such expertise as may be required to draft a position statement.

The Secretary of the IEEE SA BOG shall forward any approved IEEE Standards Association position statements to the target recipient of the position statement and to appropriate organizational units within IEEE. A consolidated listing of all such position statements shall be maintained on the IEEE Standards website.

IEEE SA volunteers and participants in IEEE standards activities are not permitted to state or in any way imply that they represent IEEE or IEEE SA in any public statements or political and legislative activity, including lobbying, unless authorized to do so. Volunteers shall comply with the *Guidelines Regarding Political and Legislative Activity by IEEE Standards Association (IEEE SA) Volunteers and Staff*.

6.6 Suspension or revocation of IEEE SA participation privileges

Independent of any conduct or action related to IEEE or IEEE SA membership, any IEEE SA participant may have IEEE SA participation privileges suspended or revoked. A participant includes an individual, an entity representative, or an entity participating directly or indirectly in an individual or entity IEEE SA project. This suspension or revocation may occur for any of the following reasons:

- a) Failure to conform with the provisions of the *IEEE Bylaws*, the *IEEE Policies*, the *IEEE SA Operations Manual*, the *IEEE SA Standards Board Bylaws*, the *IEEE SA Standards Board Operations Manual*, or the specific procedures of the Standards Committee or working group
- b) Any unethical or unlawful conduct unbecoming a participant in IEEE SA or compromising the integrity of the IEEE or the IEEE SA

Information on IEEE Policy 7.10 – Procedures for Member Conduct Complaints, other misconduct processes, and the IEEE Ethics Reporting Line can be found at <https://www.ieee.org/about/ethics/complaint-procedures.html>. Information concerning ethics and conduct processes of other IEEE Operating Units is available under Major Board Operations Manuals at <https://www.ieee.org/about/corporate/governance/index.html>.

6.6.1 Procedure for suspension or revocation of IEEE SA privileges

A person who has observed or otherwise becomes aware of conduct that would constitute grounds for suspension or revocation of IEEE SA participation privileges may provide notice by fax, email, or letter (Notice) of such conduct directly to the IEEE SA BOG Secretary. This Notice cannot be anonymous. Alternatively, the conduct may be reported through the IEEE Ethics Reporting Line at <http://www.ieee-ethics-reporting.org> or +1 888 359 6323, which permits anonymous reporting where feasible. Upon being informed of an event, the Secretary shall assess the information received to determine whether additional information is needed from either the complainant or the person who is the subject of the complaint. When the receipt of satisfactory information is confirmed by the Secretary, the Secretary shall send the material to the Standards Conduct Committee (see subclause 5.5).

The IEEE SA BOG shall review the recommendations of the IEEE SA Standards Conduct Committee. Suspension or revocation of participation rights or other disciplinary actions shall require the approval vote of two-thirds of the BOG members present and voting. Suspension of participation rights shall indicate the terms of the suspension.

If the person is an IEEE member, the IEEE Ethics and Member Conduct Committee shall be notified of the Standards Conduct Committee decision (see 6.4.2).

6.6.2 Suspended and revoked participant rights

A person may appeal suspension or revocation of IEEE SA privileges by notifying the IEEE SA BOG Secretary within ten days of being advised in writing of such action. Upon receipt of such appeal, the IEEE SA President shall schedule an appeal hearing at the next meeting of the IEEE SA BOG to hear the appeal under such procedures as it shall determine in advance thereof, provided the next IEEE SA BOG meeting is at least 30 days after receipt of such appeal. The procedures of the IEEE Ethics and Member Conduct Committee shall be referred to for guidance.

A person who is suspended or otherwise disciplined under these procedures shall have no legal claims against IEEE or IEEE SA. A person whose IEEE SA privileges are revoked shall not be admitted to membership in the IEEE SA or permitted to participate in its activities unless granted approval by the IEEE SA BOG.

7. Relationships with other organizations

In accordance with IEEE Bylaw I-303.6, the IEEE SA is the only body authorized to represent IEEE on matters concerning IEEE standards activity. IEEE SA's participation and membership in other standards organizations shall in no way diminish its independence and authority over its own standards-development activity.

The positions of other standards organizations in which the IEEE SA participates are not necessarily those of the IEEE or of the IEEE SA.

The IEEE SA establishes cooperative agreements with other organizations based on its strategic needs, including but not limited to memoranda of understanding (MOU), adoption agreements, and joint development agreements.

The IEEE SA staff, working with the other organizations involved, is responsible for negotiating any business and legal agreements with other organizations. The IEEE SA staff negotiates agreements consistent with the strategic and financial direction set by the IEEE SA BOG.

No Standards Committee, working group, or volunteer can develop an agreement for the IEEE SA without the participation of an IEEE SA staff member. Signing authority on behalf of the IEEE SA for any agreement shall rest with the Managing Director, IEEE SA.

7.1 External Representatives

The policies and procedures stated in this manual apply to External Representatives of IEEE for which the IEEE SA has oversight responsibility.

7.1.1 Definition

An External Representative (ER) is a volunteer who has been appointed by the IEEE SA Board of Governors (BOG) to represent IEEE on standards matters to an organization, committee, or entity external to IEEE, and where a voting position on behalf of IEEE is explicitly required.

A volunteer who serves as a liaison between an IEEE SA committee and an external committee acting only as an information conduit or expressing opinion as part of consensus building is exempt from policies and procedures described in this clause.

An Owning Board/Committee (OBC) is an IEEE SA board, an IEEE SA committee, or Standards Committee responsible for ensuring that positions taken by an ER on technical matters represent the consensus view of the OBC and all materially interested IEEE Technical Committees that provide timely input by any deadline established by the OBC. Positions taken by an ER on policy matters are established by the IEEE SA BOG.

7.1.2 Requirements and oversight

A request to establish a new ER position shall be reviewed by both the IEEE SA BOG and the IEEE SA Standards Board to determine the appropriateness of the ER relationship and to determine the OBC.

The ER shall be an IEEE member of any grade except Student grade and shall be a member of the IEEE SA. The ER shall be a member or designee of the OBC.

If an OBC ceases to function as an OBC, the ER shall be responsible to the next higher board/committee until a replacement OBC is identified. The ER shall supply the next higher board/committee with the required documentation to enable it to take on this function.

The chair of an OBC shall not serve as an ER unless an exception is granted by the next higher board/committee upon the request of the OBC. The next higher board/committee may accept or deny the request and, at its discretion, may become the Owing Board/Committee for the purposes of this representation. The next higher board/committee may also grant the exception with such conditions as it believes are necessary to assure that the ER can adequately represent IEEE while serving as chair of the OBC. If the next higher board/committee becomes the OBC for the purposes of this representation, then the ER shall provide the reports described in 7.1.4 to this next higher board/committee.

The ER shall act in the best interest of the IEEE SA at all times. The ER should refer to documented IEEE objectives or consensus positions wherever possible and should encourage development and documentation of relevant objectives or positions where they do not exist.

The ER should not represent another group in the same external organization, committee, or entity to which that person is serving as an IEEE ER. However, recognizing that an ER might need to represent another group (such as his/her employer that underwrites travel costs), the ER may be permitted to represent that group as well as IEEE in the same external organization, committee, or entity. In such situations, the individual serving as an ER shall recuse himself/herself from voting on issues that would result in a conflict between his/her duty to IEEE and his/her duty to the other group. The ER shall report such situations to the OBC at the earliest practical time. Once the OBC is made aware of the situation by the ER, the OBC shall decide the best course of action to provide the IEEE position on the issue to the external organization.

7.1.3 Attributes

When appointing an ER, the OBC shall review the following:

- Scientific and technical expertise (e.g., membership in relevant technical societies) relevant to the scope of operations and activities of the external organization, committee, or entity.
- Familiarity with the operations and goals of the specific external organization, committee, or entity.
- The ability to articulate IEEE goals, objectives, and activities clearly in the context of the external organization, committee, or entity.

Before an individual can serve as an ER, the OBC shall determine that the individual does not have a conflict of interest with respect to the activities of the specific external organization, committee, or entity to which the ER would represent IEEE. To enable the OBC to make this determination, the individual shall

- a) File, with the OBC and the Administrator of the IEEE SA Board of Governors, a letter stating their affiliation(s). This disclosure of affiliation shall meet the requirements of *IEEE SA Standards Board Operations Manual* sections 5.1.2.3 and 5.1.2.4 and shall be signed by the individual.
- b) File, with the OBC and the Administrator of the IEEE SA Board of Governors, a letter of endorsement from each affiliation disclosed. The letter(s) shall document several key factors relative to the position as the ER and is to be signed by both the individual and by someone who has management responsibility for the individual for that affiliation. The letter(s) shall contain at least the following:
 - 1) Statement of qualification based on expertise in respect to the attributes described above
 - 2) Statement of support for providing necessary resources (e.g., time, travel expenses to meetings), and
 - 3) Recognition by the individual and by their affiliation of the expectation to act in accordance with the conditions stated in subclause 7.1.2.

- c) Complete the IEEE Conflict of Interest Disclosure Statement.

7.1.4 Reports

The ER shall provide regular written reports to the OBC in a format and frequency that has been prescribed by the OBC.

7.1.5 Duties of the Owing Board/Committee

7.1.5.1 Appointment

Upon recommendation of the OBC, an ER candidate shall be considered for appointment as an ER by the IEEE SA BOG. The OBC shall indicate a desired term of appointment for each recommended ER candidate.

An ER may be reappointed upon recommendation of the OBC and confirmation by the IEEE SA BOG.

An ER shall update documentation whenever necessary due to a change in circumstances that would make the documentation on file with the OBC and/or the IEEE SA BOG substantively inaccurate, including changes in affiliation or employment.

7.1.5.2 Annual review

The OBC shall establish the report format and frequency for ERs under its responsibility (see 7.1.4).

The OBC shall provide an annual report to the IEEE SA BOG on the status of ERs under its responsibility.

7.1.5.3 Liaison relationships with other committees within IEEE

The OBC should attempt to identify IEEE technical communities (e.g., IEEE Societies, Standards Committees, etc.) that are likely to have an interest in positions represented by ERs under the OBC's responsibility. The OBC shall develop liaison relationships with those IEEE technical communities that have indicated interest in the activities of the OBC and shall keep them informed of positions represented by the ERs under the OBC's responsibility.

7.1.5.4 Provision of information to materially interested individuals

The OBC shall provide information about positions represented by ERs under its responsibility to materially interested individuals within IEEE upon request.

7.1.6 Public listing of ERs

The IEEE SA BOG shall maintain a list of all ERs on the IEEE SA web site. The web site will include a link to an email alias that will allow any comments about ER activity to be submitted to the Secretary of the IEEE SA Board of Governors, who will then direct their handling through appropriate channels.

8. Maintenance

8.1 Maintenance and modification of the *IEEE Standards Association Operations Manual*

This manual will be maintained by the IEEE Standards Department Staff and reviewed by legal counsel. Proposed modifications to this manual shall be submitted to the Secretary of the IEEE SA BOG.

Any amendments to this manual shall be approved by a majority vote of the IEEE SA BOG, with advance notice prior to said vote.

Additionally, the Board of Directors has identified that changes related to specific responsibilities directed to the Major Organizational Units (OUs) shall be reviewed and approved by the Board of Directors using the process in accordance with IEEE Bylaw I-300.4(5). The following chart indicates the clauses of this manual for which IEEE SA is responsible that shall follow that process and for which review and consent shall be obtained by additional Major Boards or Committees, as indicated, prior to submission to the IEEE Board of Directors.

<i>IEEE SA Operations Manual clause/activity</i>		<i>Involved OU(s) review/consent</i>
6.1 Membership qualifications	Membership categories (individuals, not-for-profit and for-profit enterprises)	Deliberation: SA Review/Consent: SA Approval: SA

8.2 Interpretations of the *IEEE Standards Association Operations Manual*

Requests for interpretations of this document shall be directed to the Secretary of the IEEE SA BOG. The Secretary of the IEEE SA BOG shall respond to the request within 30 days of receipt. Such response shall indicate either an interpretation or a specified time limit when such an interpretation will be forthcoming. The time limit shall be no longer than is reasonable to allow consideration of and recommendations on the issue.

8.3 Conflict with *IEEE SA Standards Board Bylaws*

If review of any proposed changes to the *IEEE SA Standards Board Bylaws* reveals a conflict with its governing documents (see IEEE Bylaw I-300.1), the IEEE SA President shall appoint a task force to resolve the issue. The task force shall consist of five members. Two of the members shall be selected from the IEEE SA BOG or its standing committees. One of the members shall be selected from the IEEE SA Standards Board. The chair of the Procedures Committee of the IEEE SA Standards Board and IEEE SA legal counsel shall be members of this task force. This task force shall use all means at its disposal (teleconferences, meetings, videoconferences, mail, electronic mail, and fax) to resolve the conflict in a timely fashion and report its findings to the IEEE SA BOG.