



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS  
INCORPORATED

BY LAWS

As approved and amended by the Board of Directors.  
This edition includes all amendments effective January 8, 1964

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page(s)</u>	<u>Section</u>	<u>Title</u>	<u>Page(s)</u>
010, 020, 030, 040	Interim	1	<u>400</u>	Groups of Members	9-19
			401	Regions	9-10
			402	Districts	10-11
<u>100</u>	Membership	2-5	403	Sections	11-12
101	Grades	2	404	Subsections	12
102	Life Member	2	405	Professional Technical Groups	12-13
103	Group Affiliate	2	406	Professional Technical Group Chapters	13
104	Rights and Privileges	2	407	Technical Operations Committee	14-15
105	Qualifications	2-3	408	Student Branches	15-16
106	Applications	3-4	409	Other Standing Com- mittees	16-19
107	Proposals	4			
108	Admissions and Transfers	4			
109	Dues	4-5			
110	Billing, Termination and Reinstatement	5	<u>500</u>	Publications	19
111	Resignations	5	501	Periodicals	19
112	Severances	5	502	Other Publications	19
			503	Standards	19
<u>200.</u> (010)	Annual Assembly	5-6			
201	How Constituted	5	<u>600</u>	Conventions and Meetings	19
202	Meetings	6	601	Annual International Convention	19
203	Functions	6	602	Other General Meetings	19
			603	Regional Meetings	19
<u>300</u>	Management	6-9	604	Special Technical Conferences	19
301	Board of Directors	6-7			
302	Executive Committee	7-8			
303	Corporate Officers	8			
304	General Manager and Headquarters Staff	8-9			
305 (020)	Nominations and Elections	9			
306	Pension Benefit Plan	9			
307	Amendments	9			

IEEE INTERIM BYLAWS

Approved March 28, 1963; June 21, 1963;  
October 30-31, 1963; *January 8, 1964.*

(Note: The following Interim Bylaws are necessary to provide an orderly transition during the first years of the merged operations of the IEEE. They apply only for the period of time specified in each case, and will be superseded at the conclusion of that time by the applicable regular Bylaw.)

010. ANNUAL ASSEMBLY

011. How Constituted

1. The annual Assembly shall consist of eleven Delegates-at-Large elected by the voting members and eight Regional Delegates elected respectively by the members residing in Regions 1 to 8 inclusive of the IEEE, making a total of nineteen. This Bylaw applies to the election of 1963 only. It will be superseded in the election of 1964 and later years by Bylaw 201.1.
2. The eleven Delegates-at-Large shall comprise the President, the two senior past presidents, the junior past president, the Vice President elected by the voting members and six additional Delegates-at-Large. The six additional Delegates-at-Large shall be elected in the 1963 election as follows: two for terms of one year, two for terms of two years, and two for terms of three years. In the election of 1964 and later years, this Bylaw will be superseded by Bylaw 201.2.
3. The Delegates elected by Regions, in the election of 1963 only, shall be elected from even-numbered Regions for terms of one year. In all other respects, the election of Regional Delegates shall be governed by Bylaw 201.3, which supersedes this Bylaw in the elections of 1964 and later years.
4. In all other respects, the annual Assembly and its Delegates shall be governed by the Bylaws in Section 200.

020. NOMINATIONS AND ELECTIONS

021. The Nominations and Appointments Committee shall, in 1963 only, transmit its list of proposed nominees to the Meeting of the Board of Directors scheduled for June 21, 1963. In all other respects, nominations and elections will be governed by the Bylaws in Section 305. Bylaw 305.3 supersedes this Bylaw in 1964 and later years.
022. In the 1963 election for Officers and Delegates-Directors, the balloting for Region 5 shall close at 12:00 Noon on December 11, 1963, and the Tellers Committee will thereafter report the result of the election for Delegates-Directors-at-Large and for the Delegate-Director of Region 5 to the Board of Directors, which will certify the election of these Delegates-Directors at its next regularly scheduled meeting following December 11, 1963. The incumbent Delegates-Directors-at-Large and the incumbent Delegate-Director for Region 5 shall remain in office until the election of their successors is so certified.

030. SUCCESSION IN STANDING COMMITTEE

031. Fellow Committee. In 1963 only, the Board of Directors shall appoint eight of the members of the Fellow Committee for terms of one year and the remaining eight members for terms of two years. In 1964 and later years, the provisions of IEEE Bylaw 409.5 shall be followed.

040. IMPLEMENTATION OF AWARDS ACTIVITIES

041. Awards Activities in 1963 and 1964. In the event that any provision of Bylaw 409.1 and its subsections cannot be implemented during 1963 or 1964, for reasons satisfactory to the Executive Committee, the prior practices of AIEE and IRE may be followed, where applicable and as amended by the IEEE Board of Directors. Questions of interpretation of any awards procedure under this Interim Bylaw shall be decided by the Executive Committee.

THE INSTITUTE OF  
ELECTRICAL AND ELECTRONICS ENGINEERS  
INCORPORATED

BYLAWS

100. MEMBERSHIP

101. Grades

1. The grades of IEEE membership are:

- a. Honorary Member
- b. Fellow
- c. Senior Member
- d. Member
- e. Associate
- f. Student

The term "member" when printed without an initial capital, where used in these Bylaws, includes all grades of membership.

102. The designation "Life Member" is applicable only to all members who have attained the age of 65 years and who have been members of the IEEE or one of its two predecessor societies for at least 35 years, or who have attained the age of 70 after having been members for 30 years. All members having the designation "Life Member" or "Member-for-Life" in the predecessor societies shall be designated as a "Life Member" in the IEEE. Any member who would have been qualified on or before December 31, 1963, to be a Member-for-Life of AIEE, under the rules of eligibility of the AIEE, or to be a Life Member of IRE, under the rules of the IRE, shall be qualified to be a Life Member of IEEE.

103. The designation "Group Affiliate" refers to individuals who are not members but who are entitled to participate in certain Group activities under provisions established by the Executive Committee as specified in the Bylaws.

104. Rights and Privileges

1. Honorary Members shall be entitled to all rights and privileges of the IEEE except the right to hold office therein.
2. Fellows shall be entitled to all rights and privileges of the IEEE.
3. Senior Members shall be entitled to all rights and privileges of the IEEE except the right to serve on the Fellow Committee.
4. Members shall be entitled to all rights and privileges of the IEEE except the right to hold (1) any corporate office, (2) the office of Director, (3) membership on the Admission and Advancement Committee, the Awards Board or the Fellow Committee.
5. Associates shall be entitled to attend meetings of IEEE members, to vote only on matters presented to groups of members (such as Professional Technical Groups and Sections), to be appointed on committees with the right to vote when specifically approved by the Board of Directors or the Executive Committee, but shall not have the right to hold any office.
6. Students' rights and privileges are defined in the Student Manual.
7. Life Members have those privileges associated with their grade immediately before becoming a Life Member or with such higher grade to which they may be advanced.
8. Group Affiliates are entitled to participate in certain Group activities under provisions established by the Executive Committee as specified in the Bylaws.

9. The emblem of IEEE will be protected by legal registration and shall be reproduced only in connection with official business of the IEEE.
10. Emblems to be worn by members are to be purchasable only from IEEE Headquarters.
11. Assertion of IEEE membership by members for purely personal purposes is authorized, including the right to use the following abbreviations:

Hon.Mem.IEEE  
Fel.IEEE  
Sen.Mem.IEEE  
Mem.IEEE  
Assoc.IEEE

12. Every member of the IEEE shall receive those publications of the IEEE specified by the Board of Directors.

105. Qualifications

1. Honorary Members are elected by the Board of Directors from among those who have rendered meritorious service to mankind in engineering or other allied fields. Election is by the unanimous affirmative vote, by secret ballot, of all of the members of the Board of Directors present at a regularly constituted meeting. Nominees may be proposed to the Board of Directors in writing by not less than ten members. Proposals for the election of Honorary Members do not come under the review of the Admission and Advancement Committee. The election of an Honorary Member shall be deemed invalid if acceptance is not received within six months from the date of his election.
2. Fellow: The grade of Fellow is one of unusual professional distinction and shall be conferred only by invitation of the Board of Directors upon a person of outstanding and extraordinary qualifications and experience in the fields of electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences, who meets the requirements for Senior Member as stated in these Bylaws and who has been a member in any grade for a period of seven years preceding the year of nomination, except that the seven-year provision in any individual case may be waived for cause by the Board of Directors.
3. Senior Member is the highest professional grade for which application may be made and shall require experience or attainment reflecting professional maturity. For admission or transfer to the grade of Senior Member, a candidate shall be an engineer, scientist, educator, technical executive or originator in the fields of electrical or electronics engineering and science, radio, allied branches of engineering or related sciences and arts.

He shall have been in the active practice of his profession for at least ten years and shall have attained distinction as measured by performance over a period of at least five of these years, such performance including one or more of the following:

- a. Publication of important original engineering or scientific papers, books or inventions, or
- b. Technical direction with evidence of accomplishment of important scientific or engineering work, or
- c. Creative contributions to the welfare of the scientific or engineering profession, or
- d. Establishment or furtherance of important scientific or engineering courses in "a school of recognized standing," or

- e. Contributions equivalent to those of 'a' to 'd' above in such areas as technical editing, patent prosecution or patent law, provided these contributions serve to advance progress substantially in the fields of electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences.
4. Member grade is a professional grade limited to those who have demonstrated professional competence in the fields of electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences. For admission or transfer to the grade of Member, a candidate shall be either:
- An engineer or scientist in the fields of electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences, who shall have had at least three years of professional experience.
  - A teacher of electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences, for at least three years, who shall have held the rank of instructor or higher, and shall have participated in planning and conducting courses.
  - A person regularly employed in the fields of electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences, for at least six years who, by experience, has demonstrated competence in work of a professional character.
  - An executive who, for at least six years, has had under his direction important technical, engineering or research work in the fields of electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences.
5. Associate: For admission or transfer to this grade the applicant must satisfy the IEEE that he is interested in and capable of rendering service to electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences and that his admission to this grade will contribute to the welfare of the IEEE.
6. Under the membership grade of Student there shall be two classifications: Student and Student Associate.
- For classification as a Student, a candidate shall be carrying at least 30 percent of a normal full-time academic load as a registered undergraduate or graduate student in a regular course of study in electrical engineering, electronics, radio, an allied branch of engineering or the related arts and sciences, "in a school of recognized standing."
  - For classification as a Student Associate, a candidate shall be carrying at least 30 percent of a normal full-time academic load as a registered student in a regular course of study in electrical engineering, electronics, radio, an allied branch of engineering or the related arts and sciences in a institution, other than a "school of recognized standing," approved by the Executive Committee.

7. Membership in the Student grade shall not extend beyond the period of six months following the termination of student status as described in these Bylaws except that, if a Student goes into military service prior to the expiration of his status as a Student, he shall retain his Student status until six months after the termination of the Military Service or until six months beyond the termination of additional courses of study of the kind prescribed in these Bylaws in the event the Student resumes such studies following the cessation of military service. This provision shall not apply to a Student entering military service with the intention of making such activity his career.
8. Graduation from a course of study of at least four academic years' duration, or its equivalent, in electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences in a "school of recognized standing," may be accepted as equivalent to the professional experience requirements of the Member grade.
9. Graduation from a course of study of at least two academic years' duration, or its equivalent, in electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences in an institution other than a "school of recognized standing," approved by the Executive Committee, may be accepted as equivalent to one year's professional experience in those fields.
10. Full-time graduate work, or part-time graduate work with teaching or research, in the fields of electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences, in a "school of recognized standing," may be accepted as equivalent to professional experience.
11. The time requirements for admission or transfer to any grade of membership may be satisfied by applying pro rata the experience of the candidate under the various alternative requirements for the grade.
12. The term "school of recognized standing" refers only to schools which award degrees for not less than four academic years, or its equivalent, of full-time academic study in electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences, and are designated as such by the Executive Committee. There may be instances in areas outside of Regions 1 to 6 inclusive, where academic practices vary from those current in those Regions so that qualified Student candidates cannot comply with the requirements of this paragraph for a "school of recognized standing." In such cases, the Executive Committee shall establish criteria so that Students in such other areas may be qualified for membership.

#### 106. Applications

- Applications for admission to the IEEE or for transfer to a higher grade shall be made on a form provided by the IEEE and shall embody a full record of the general technical education of the applicant and of his professional career. Applicants shall refer to the required number of members of the grades as specified below. Except in the case of Students applying for transfer to Member or Associate grades, each of these references shall be requested by the General Manager to fill out a prescribed confidential form for consideration by the Admission and Advancement Committee.

An application for any grade of membership, except Student, Fellow, or Honorary Member, received from a person who is a member of another society with which there is an approved reciprocal agreement and who holds equivalent or higher grade of membership in that society shall be processed directly by the General Manager without referral to the Admission and Advancement Committee.

- Applicants for membership shall furnish names of references as follows:

For Senior Member - Five Fellows or Senior Members.  
 For Member - Four Fellows, Senior Members or Members.  
 For Associate - Three Fellows, Senior Members, Members or Associates or other responsible individuals.  
 For Student - The Counselor at his institution, if such Counselor exists; otherwise, a member of the faculty of his institution, normally one who is a member of IEEE.

Should an applicant for admission or transfer certify that he is not personally known to the above specified number of IEEE members, who are sufficiently familiar with the applicant's experience to justify him in using their names as references, the Admission and Advancement Committee may, in its discretion, accept other references who are familiar with his professional work, preferably engineers or scientists of standing.

- Applications for admission or transfer to any grade of membership, except the grades of Honorary Member and Fellow, shall be addressed to the Board of Directors and submitted to IEEE Headquarters. Recommendation of election or transfer of an applicant to any grade, except the grades of Honorary Member and Fellow, shall be by three-quarters affirmative vote of the Admission and Advancement Committee.
- A re-application for admission or transfer to a particular grade may be made after the expiration of one year from the date of a rejection.
- The Executive Committee is authorized to act for the Board of Directors in electing members, re-admitting members or transferring their membership grades, except where involving Honorary Member and Fellow grades, and may waive application and reference requirements in the transfer of members from Student to Associate or Member grade. (See also 302.1a.)

#### 107. Proposals

- Each year, the Fellow Committee shall recommend to the Board of Directors nominees for Fellow grade. A citation summarizing the accomplishments of the nominee shall be a part of each recommendation.
- Admission or transfer to any grade except Fellow may be proposed by any member acting as sponsor by supplying to the Admission and Advancement Committee sufficient information and testimonials from the required number of references to satisfy the Admission and Advancement Committee as to qualifications. Such proposals shall be acted upon by the Admission and Advancement Committee and, if approved, transmitted to the Executive Committee. If approved by the Executive Committee, an invitation blank shall be sent to the proposed member inviting him to accept the grade of membership proposed, which membership shall become effective automatically and immediately upon his

supplying the biographical and professional information required and paying the necessary dues and fees which must be received within six months.

#### 108. Admissions and Transfers

- The entrance fee for all grades shall be three dollars (\$3.00) except that there shall be no entrance fee for the Student grade or from members of another society with which there is a reciprocal agreement. The Board of Directors may, under special circumstances, waive the entrance fee.
- No entrance fee shall be charged a non-IEEE member of a Joint Student Branch or Joint Student Associate Branch, who is a student member of another national engineering society which is a sponsor with IEEE of the Joint Student Branch or Joint Student Associate Branch, and who applies for membership in the IEEE within six months after the termination of his student member status.
- There shall be no transfer fees. A notice of approval of a transfer shall be sent to the member. A member whose dues are changed during his annual dues period by reason of a transfer occurring during such period, shall be billed pro rata for the remainder of the period.
- The membership period shall be dated as of the first day of the month after election. A notice that he has been elected shall be sent to every newly-admitted member. He shall receive the first publication routinely mailed after receipt of his application.
- The entrance fee and annual dues shall be payable with the application for admission to membership. Should the applicant fail of admission to membership, the sum remitted with the application shall be refunded.

#### 109. Dues

- Annual dues shall be payable in advance for the ensuing calendar year except for students who shall pay dues over the period of their academic year. Persons other than student applicants elected after the commencement of a calendar year shall pay dues pro rata for the unexpired portion of that year.
- The annual dues shall be fifteen dollars (\$15.00) per year, except that new members whose applications were received at IEEE Headquarters postmarked not later than October 31, 1963, shall pay dues of ten dollars (\$10.00) per year for the first three years of IEEE membership, in any grade except Student, and fifteen dollars (\$15.00) for each succeeding year. Membership in any predecessor society shall be included in computing the three-year period. The annual dues for Student grade shall be five dollars (\$5.00). Student members transferring to a higher grade without interruption of membership, on or after November 1, 1963, shall pay annual dues of ten dollars (\$10.00) for the first year of membership in the higher grade. Members, other than Student members, whose applications are postmarked on or after November 1, 1963, shall pay dues of fifteen dollars (\$15.00) per year.
- Dues shall be waived for all Life Members of IEEE as defined in Bylaw 102. In determining the required years of membership (35 at age 65 years, and 30 at age 70), the following rules shall apply: (a) Only years in which membership dues were paid shall be counted, (b) Student membership years shall not be counted, (c) Years need not be consecutive, (d) Years in which membership dues, not including Student dues, were paid to AIEE or IRE shall be counted, (e) A year of concurrent membership in both AIEE and IRE shall be counted as one year only.

301. Board of Directors

1. The Board of Directors shall consist of ten Directors-at-Large elected by the voting members, eight Regional Directors elected respectively by the members residing in Regions 1 to 8 inclusive of the IEET and eight Directors elected by the annual Assembly, making a total of twenty-six.
2. The ten Directors-at-Large shall comprise the President, the two surviving Past Presidents most recently retired from that office, the Vice President elected by the voting members and six Directors elected for three-year terms. Two of the six shall be elected each year so that the terms of two of the six Directors shall expire each year.

The Past Presidents shall be named Senior Past President and Junior Past President, the junior being the most immediate past holder of the Presidency.

3. The Directors elected by the annual Assembly, for the purposes of determining the total number of Directors-at-Large as distinguished from those elected by the Regions as specified in the Constitution, shall have Director-at-Large status.
4. The Directors elected by Regions shall be members of and reside in the Regions electing them and shall have terms of office of two years, the Directors from even-numbered Regions being chosen and elected in even-numbered years, and those from odd-numbered Regions in odd-numbered years. A vacancy shall occur in the office of Regional Director at such time as the incumbent ceases to reside in the Region that elected him. The existence of such a vacancy shall be established by the Executive Committee upon receipt of information from the Regional Director, or other IEET Officer, an officer of a Section within the Region or from the records maintained by the General Manager. Residence for the purpose of this Bylaw shall be as determined by the member's Section affiliation, as defined in Bylaw 403.1.
5. All Directors shall be of Fellow or Senior Member grade.

6. The annual meeting of the Board of Directors, required by the Constitution to be held during January of each year, shall be held immediately after the adjournment of the annual Assembly and at the same place. Notices thereof shall be mailed at the same time that notices are mailed for the annual Assembly.

7. At the annual meeting, the Board shall determine the time and place of other meetings to be held throughout the year, which normally shall not be more than three.

8. The time and place of any scheduled Board meeting may be altered or the meeting cancelled only by majority vote at a regularly constituted meeting of the Board of Directors or by consent of a majority of all Directors secured by or transmitted to the Secretary, not less than twenty days before the original date or the new date set for the meeting, whichever is the earlier. Notice of such approved change shall be mailed to all Directors not less than ten days before the original or the new date, whichever is the earlier.

9. Special meetings of the Board of Directors may be called by any five Directors on notice to all other Directors. Notice of such special meetings giving the time and place of meeting, the purpose of the meeting and the names of the Directors calling the

8. Special meetings of the Assembly may be called by any five Delegates on notice to all other Delegates. Notice of such special meetings giving the time and place of meeting, the purpose of the meeting and the names of the Delegates calling the meeting shall be mailed to all Delegates not less than twenty days before the date set for the special meeting. The place of such special meetings may be only at IEET Headquarters unless otherwise authorized by a majority vote of all Delegates, such vote to be secured by or transmitted to the Secretary.

202. Meetings

1. The annual Assembly of the IEET, required by the Constitution to be held during January of each year, shall be held as early in that month as feasible at IEET Headquarters located in the United Engineering Center in New York, N.Y. Notice of time and place shall be mailed not less than thirty days in advance. In the case of extraordinary circumstances, a special meeting of the Assembly or the designation of a place of meeting for annual Assembly other than IEET Headquarters may be authorized by a two-thirds vote of those present at a regularly constituted meeting of the Board of Directors held at least thirty days in advance of the date of such specially designated meeting.

2. A meeting of the Assembly may be held without notice if waivers of notice signed by all of the Delegates are filed with the Secretary with notation thereof entered in the minutes of the meeting.

3. Ten Delegates shall constitute a quorum at meetings of the Assembly.

4. Any notices of meetings or other official business required by the Constitution or these Bylaws to be mailed to Delegates shall be sent by such routings as shall ensure prompt delivery.

5. Reimbursement for actual and necessary expenses is authorized for Delegates for the purpose of attending any special or extraordinary meeting of the Assembly not associated with a meeting of the Board of Directors held contiguously with it.

203. Functions

1. The annual Assembly shall elect eight additional Directors for the required term of office of one year. One of these Directors shall represent Region 9. Four of these Directors shall be elected Corporate Officers, respectively designated as a Vice President, the Secretary, the Treasurer and the Editor. The annual Assembly shall also elect such alternate Directors as may be necessary to ensure the attaining of a total number of eight Directors including the Corporate Officers, in the event that consent to serve by any of the electees cannot be secured prior to the conclusion of that Assembly meeting.

2. The annual Assembly shall receive reports, verified by the President and Treasurer, or by the Board of Directors, showing the amount and status of real and personal property owned by the IEET, its fiscal condition, changes in membership, changes in groups of members and other vital statistics, all of which are to be as of the most recent date available from the records kept by the Officers. These reports shall be filed with the records of the IEET and abstracts thereof entered in the minutes of the proceedings of the Assembly.

shall be final and conclusive. The complaint shall be dismissed if the Board of Directors does not take unanimous action.

If the complaint concerns a member who is a Director, that person is disqualified from serving as a Director for the purposes of this section.

2. If information is presented to the Executive Committee indicating that the applicant for membership or transfer to a higher grade has been elected on the basis of an application containing apparent misrepresentations or false statements, the Executive Committee shall investigate and provide the member an opportunity to submit an explanation. If the Executive Committee concludes that such membership was obtained through misrepresentations or false statements, the membership shall be terminated with notice mailed to the member.

3. If information is presented to the Executive Committee indicating that the applicant for transfer to a higher grade has submitted an application containing apparent misrepresentations or false statements, the Executive Committee shall investigate and provide the member an opportunity to submit an explanation. If the Executive Committee concludes that the application contains misrepresentations or false statements, the membership shall be terminated with notice mailed to the member.

## 200. ANNUAL ASSEMBLY

201. How Constituted

1. The annual Assembly shall consist of ten Delegates-at-Large elected by the voting members and eight Regional Delegates elected respectively by the members residing in Regions 1 to 8 inclusive of the IEET, making a total of eighteen. (For 1964, see 011.1.)

2. The ten Delegates-at-Large shall comprise the President, the senior past President, the junior past President, the Vice President elected by the voting members, and six additional Delegates-at-Large. The six additional Delegates-at-Large shall serve three-year terms. Two of the six shall be elected each year so that the terms of two of the six additional Delegates-at-Large shall expire each year. (For 1964, see 011.2.)

3. The Delegates elected by Regions shall be members of and reside in the Regions electing them and shall have terms of office of two years, the Delegates from even-numbered Regions being chosen and elected in even-numbered years and those from odd-numbered Regions in odd-numbered years. A vacancy shall occur in the office of Regional Delegate at such time as the incumbent ceases to reside in the Region that elected him. Such vacancy shall be filled by the Director selected to fill the corresponding vacancy as provided in Article Sec. 2 of the Constitution. (For 1964, see 011.3.)

4. As stated in the Constitution, all Delegates, both Delegates-at-Large and Regional Delegates, shall be elected Directors by virtue of their election as Delegates and shall serve terms as Directors concurrent with their terms as Delegates.

5. All Delegates shall be of Fellow or Senior Member grade.

6. The presiding officer of the annual Assembly, as provided by the Constitution, shall be the newly-elected President.

7. Prior to the election of the Secretary or in the event of his absence, the General Manager shall perform the secretarial functions.

4. Under exceptional circumstances, as provided for in the Constitution, such as inability of a member to remit dues due to wartime conditions, the Board of Directors may, if it waives dues, also declare that during the period of such waiver, the member has maintained continuous membership.

110. Billing, Termination and Reinstatement

1. A bill covering his dues for the following year shall be mailed to every member not later than one month prior to the beginning of the annual dues period. A second bill shall be mailed after a lapse of two months to every member whose dues remain unpaid. There shall be mailed with the second bill a notice that, if the member's dues remain unpaid for four months, it shall be the duty of the General Manager, in accordance with the Bylaws of the IEET, to notify the member that his membership has terminated.

2. After a member has been in arrears four months, his membership shall terminate and his name shall be removed from the roll of membership. Every such person shall be mailed a notice to the effect that, according to the Bylaws of the IEET, his membership in the IEET has in fact terminated. Accompanying the notice of termination shall be a final bill, with the suggestion that the former member pay the bill and resume his membership.

3. Membership so terminated may be resumed on payment of all dues in arrears, or on payment of a new entrance fee and current dues in keeping with prior years of membership.

4. On resuming membership and paying dues in arrears, a member shall be restored to the publication mailing list and receive all issues from that date on. Publications that he would normally have received had his membership status been continuous shall be considered forfeited. However, upon written request, these will be supplied, if available.

5. When a membership is terminated, all subscriptions to IEET publications that had been received by such person by reason of his former membership, also terminate as of the same date.

6. The mailing of bills or statements to the last known address of a member, on record in the IEET, shall be considered a valid notice of indebtedness.

111. Resignations

1. A member in good standing may resign by submitting a written resignation to the Secretary.
2. Subject to the approval of the Executive Committee, a resigned member may resume his membership upon payment of current dues.

112. Severances

1. To initiate action toward expulsion of a member, a signed complaint must be submitted to the Board of Directors which, if it deems the reason sufficient, shall notify the accused by letter of the charges against him and of the place and date of a hearing to consider such charges which shall be held not less than thirty days after mailing of the notice. The accused may present his defense in person, in writing, or by an authorized representative. There shall be a majority of the members of the Board present at the hearing and the votes cast must be unanimous in order to expel or suspend. The vote shall be considered not unanimous if any member abstains from voting. The action of the Board of Directors

meeting shall be mailed to all Directors not less than twenty days before the date set for the special meeting. The place of such special meetings may be only at IEEE Headquarters unless otherwise authorized by a majority vote of all Directors, such vote to be secured by or transmitted to the Secretary.

10. A meeting of the Board of Directors may be held without notice if waivers of notice signed by all of the Directors are filed with the Secretary with notation thereof entered in the minutes of the meeting.
11. In the absence or incapacity of the Secretary, the General Manager shall perform the secretarial functions.
12. Notices of meetings and any other documents required to be sent to Directors pursuant to provisions of the Constitution and these Bylaws shall be sent by such routings as shall ensure prompt delivery.
13. Fourteen Directors shall constitute a quorum at meetings of the Board of Directors.
14. Reimbursement for actual and necessary expenses is authorized for Directors for the purpose of attending meetings of the Board of Directors, the Executive Committee and meetings taking place during the IEEE International Convention and Electrical and Electronics Engineering Show and one other general meeting of the IEEE each year.
15. Reimbursement for actual and necessary expenses is authorized for Regional Directors for the purpose of visiting the Sections and Subsections within their respective Regions.
16. The activities of the IEEE shall be conducted wherever possible through voluntarily associated groups of members organized by (1) geographic area (i.e. Sections, etc.) and (2) field of interest (i.e. Professional Technical Groups). To provide for activities of the IEEE not adequately fulfilled by the voluntarily associated groups, committees of members (such as Technical Committees) shall be appointed by the Board of Directors.

17. The Standing Committees shall be:

Awards Board	Membership and Transfers
Admission and Advancement	Nominations and Appointments
Editorial Board	Professional Technical Groups
Education	Professional Relations
Fellow	Public Relations
Finance	Sections
History	Student Branches
Intersociety Relations	Technical Operations
Life Member Fund	Tellers

The following shall be appointed by and report to the Board of Directors:

Awards Board	Life Member Fund
Editorial Board	Nominations and Appointments
Fellow	Tellers
Intersociety Relations	

The others shall be appointed by and report to the Executive Committee. The appointments to these committees, except the Nominations and Appointments Committee, shall start with the first day following appointment and shall continue until the date of the succeeding terms of appointment take effect. Each standing Committee shall have the right to create subcommittees of its own selection.

18. Additional appointments may be made to any Standing Committee to fill vacancies or to care for special cases as the need arises, but such appointments shall expire with the expiration of the term of the Committee.
19. The functions, scopes and responsibilities of each Committee, together with rules for operation and guidance, as recommended by the Committee, shall be compiled by the General Manager for the approval of the Executive Committee and contained in a document titled "Committee Manual." Following appointment, each new member of a Committee shall be provided with a copy of the applicable Manual.
20. The Board of Directors may appoint or direct the appointment of representatives of the IEEE on joint committees, board and other local, national and international bodies.
21. The fiscal year of IEEE shall be the calendar year.

### 302. Executive Committee

1. The Board of Directors at its annual meeting shall appoint an Executive Committee composed of Directors, to exercise powers and assume duties of management as directed by the Board of Directors and as may be outlined in the Bylaws, subject to the following limitations:
  - a. That the Board of Directors may at any meeting overrule any act or decision of the Executive Committee.
  - b. Suspend at any meeting any power conferred upon the Executive Committee by resolution or by these Bylaws, such suspension to remain in effect pending repeal of any Bylaw conferring such power, or
  - c. Direct any action or plan of the Executive Committee.
2. The Executive Committee shall consist of nine members and shall comprise the President, the Vice President elected by the voting members, the Vice President elected by the annual Assembly, the junior past President, the Treasurer, the Secretary, the Editor and two other Directors, who by reason of their office are Directors. The President shall be Chairman, the Vice President elected by the voting members shall be Vice Chairman and the Secretary shall be Secretary thereof.
3. At the first meeting of a newly-appointed Executive Committee, it shall schedule other meetings throughout the year. Minutes of the meetings of the Executive Committee shall be mailed to all Directors.
4. The terms of office of members of the Executive Committee shall begin with the annual meeting of the Board of Directors and shall continue until the succeeding annual Assembly.
5. The Executive Committee may divide its duties and responsibilities among its members as it sees fit and conduct its business as it finds necessary. It shall appoint certain of its members as "Coordinators" charged with functional supervision of activities such as membership, standards, etc. One of its members shall be Chairman of the Technical Operations Committee. The Executive Committee shall specify those activities to be administered by the General Manager.
6. The Executive Committee shall be responsible for the management of IEEE Headquarters. The Executive Committee shall prepare and present an annual budget to the Board of Directors for approval.
7. The Executive Committee shall be charged with broadly considering IEEE policies and making appropriate recommendations to the Board of Directors on its own initiative.

8. The Executive Committee shall appoint, direct and coordinate the work of all Standing Administrative Committees except those appointed directly by the Board of Directors.
9. The Executive Committee shall appoint, direct and coordinate the work of all Standing Technical Committees.
10. The Executive Committee shall approve or disapprove the formation, dissolution and operation of groups of members except the dissolution of Sections.
11. The Executive Committee may authorize conventions, conferences and meetings of the IEEE and approve their dates and locations.
12. The Executive Committee shall direct and manage IEEE standardization activities, working relations with other organizations, special activities, technical activities and publications.
13. The Executive Committee shall establish an office account, which must be specifically limited in amount, the funds for which shall be made available from the funds received by the IEEE by authorization of at least two Corporate Officers, as provided in the Constitution. Funds shall be withdrawn from the office account only by authorized bonded employees of the IEEE.

14. Six members of the Executive Committee shall constitute a quorum.

### 303. Corporate Officers

1. As provided in the Constitution, the Corporate Officers of the IEEE shall be a President, two Vice Presidents, a Secretary, Treasurer and an Editor, a total of six. Corporate Officers shall be of Fellow or Senior Member grade.
2. As provided in the Constitution, the President shall be elected by the voting members by virtue of which election he shall also be a Delegate-at-Large and a Director-at-Large. His term as President shall be one year. His term as Delegate-at-Large and Director-at-Large shall be three years.
3. There shall be two Vice Presidents of the IEEE. One of these shall be elected by the voting members for a term of office of one year, by virtue of which election he shall also be a Delegate-at-Large and a Director-at-Large. He shall be able, by reason of availability and qualifications, to assist effectively the President in the performance of his presidential duties. He shall be Chairman of the Sections Committee. The other Vice President shall be elected by the annual Assembly, for a term of one year, by virtue of which election he shall also be a Director. He shall be Chairman of the Professional Technical Groups Committee and shall serve as a coordinator between the Professional Technical Groups and the Executive Committee, and he shall be selected because of availability and qualifications for such activity.
4. The Vice President elected by the voting members shall take precedence as regards assumption of presidential duties as provided in the Constitution.
5. The Secretary, Treasurer and Editor shall be elected by the annual Assembly by virtue of which election they shall also be Directors. The terms of the Secretary, Treasurer and Editor shall be one year and their terms as Director shall also be one year.

6. Reimbursement for actual and necessary expenses is authorized for the Corporate Officers, incurred in the performance of their IEEE duties over and above their duties as Delegates or Directors.
7. Incapacity of the President to perform his duties and the length of time such incapacity may continue shall be determined by the Board of Directors, or by the Executive Committee, if the incapacity occurs at a time when it is not feasible to convene a meeting of the Board and there is need for action. During such incapacity of the President, the Vice President elected by the voting members shall be notified and shall assume the Presidential duties. The President, however, may declare a condition of incapacity and the duration thereof by written communication to the Secretary, in which event the Secretary shall notify the Vice President elected by the voting members to assume the presidential duties and the Secretary shall take such other action as provided in the Constitution if that Vice President is unavailable or incapacitated.
8. A vacancy among the Corporate Officers and the duration thereof shall be determined by the Board of Directors which may fill such vacancy as provided by the Constitution. If a vacancy occurs among the Corporate Officers at a time when it is not feasible to convene a meeting of the Board of Directors and there is need for action, the Executive Committee shall make such determination and fill such vacancy if the approval of a majority of all the Directors is secured by mail or telephone, such approval to be recorded by the Secretary with the names of the approving Directors.

9. The President shall determine the extent of the assistance to be rendered him by the Vice President charged with the duty of assisting the President.
10. The Secretary shall prepare an Annual Report on membership, meetings and IEEE activities, to be submitted to the Board of Directors.
11. The Treasurer shall cause to be prepared an annual audit of the affairs of the IEEE by certified public accountants and a report thereof submitted to the Board of Directors. The Treasurer shall also make a report to the Executive Committee semi-annually concerning the status of the IEEE investments. The Treasurer, before making changes in the IEEE portfolios, shall report the proposed changes to the Executive Committee and obtain its approval.
12. The Editor, as provided in the Constitution, shall have general supervision and conduct of IEEE publication policies and, as Chairman of the Editorial Board, shall coordinate policy determination recommendations for presentation to the Executive Committee.

### 304. General Manager and Headquarters Staff

1. The Executive Committee shall appoint a General Manager and shall fix his tenure of office and determine his salary.
2. The General Manager serves as the executive officer of the IEEE, shall be in charge of IEEE Headquarters, its staff and operations, and shall be custodian of all property and equipment owned and used by the IEEE, for which he shall be responsible to the Executive Committee.
3. He shall, under the supervision of the Secretary, direct such of the functions as are necessary for meeting the responsibilities assigned to the Secretary.
4. He shall cooperate with the Finance Committee and, under the supervision of the Treasurer, execute IEEE fiscal policies and operations.

5. He shall cooperate with the Editorial Board and, under the supervision of the Editor, administer IEEE publication activities.
6. He shall assist the Tellers Committee in the performance of its work.
7. He shall attend such meetings of the IEEE, its units and related bodies, as may be required in the discharge of his duties.
8. Neither the General Manager nor any other member of the Headquarters Staff shall have any vote by reason of membership on any IEEE Committee.

### 305. Nominations and Elections

1. The Secretary shall circularize appropriate organizational units before March first of each year inviting the submission of suitable names to be considered by the Nominations and Appointments Committee for the various elective offices.
2. The Nominations and Appointments Committee shall submit the name or names of one or more candidates for the office of President and for the office of the Vice President to be elected by the voting members and the names of more than one candidate for each of the other elective offices.
3. The Nominations and Appointments Committee shall transmit its list of proposed nominees to all Directors by April 25.
4. Each Regional Committee shall submit to the Board of Directors by April thirtieth of the Regional election year, the names of at least one qualified nominee for the office of Regional Delegate-Regional Director. To qualify, each candidate shall indicate to the Regional Committee his acceptance of the nomination.
5. Nominations by petition for the office of Regional Delegate-Regional Director may be made by the submission, by the date stated and according to the procedure outlined in the Constitution, of a petition signed by at least one-third of one percent of the total number of voting members residing within the Region, as listed in the official membership records of the IEEE at the end of the previous year, but in no case shall the number be less than one hundred.
6. During the period between August fourteenth and September first of each year, the Executive Committee is authorized to take any necessary actions on any petitions and to approve the ballot.
7. Each proposed nominee named by the Board of Directors shall be consulted, and, if he so requests, his name shall be withdrawn.
8. The list of nominees required to be submitted to all voting members by the Constitution shall contain at least one name for the office of President, at least one name for the office of Vice President to be elected by the voting members and at least four names for the two offices of Delegate-at-Large/Director-at-Large.

The ballot going to each of the Regions where an election of a Regional Delegate-Regional Director is to take place shall contain at least one name for the office of Regional Delegate-Regional Director for that particular Region.

For those cases where more than one candidate is on the ballot for any single office, the names shall be arranged in alphabetical order and the ballot shall carry a statement to the effect that the order of the names is alphabetical for convenience only and indicates no preference.

9. Voting members shall vote for the candidates whose names appear on the list of nominees, by written ballots in plain sealed envelopes, enclosed within mailing envelopes marked "Ballot" and bearing the member's written signature. No ballots within unsigned outer envelopes shall be counted. Only ballots arriving at IEEE Headquarters before twelve o'clock noon on the last working weekday prior to October twenty-fifth shall be counted. Ballots shall be checked, opened and counted under the supervision of the Tellers Committee between October twenty-fifth and the first Wednesday in November. The result of the count shall be reported to the Board of Directors at its next succeeding meeting and the nominee for each office for which the election is being held, receiving the greatest number of qualified votes shall be declared elected. In the event of a tie vote, the Board of Directors shall choose between the nominees involved.

### 306. Pension Benefit Plan

1. The IEEE shall have a Pension Benefit Plan for its full-time paid employees, operated under the control of the Executive Committee.

### 307. Amendments

1. Before an amendment to the Constitution is submitted to the voting members, it shall be reviewed by legal counsel designated by the Executive Committee.
2. Ballots for Constitutional amendments shall carry a statement of the time limit for return to IEEE Headquarters. The ballots after marking shall be placed in plain sealed envelopes, enclosed within mailing envelopes marked "Ballot" and bearing the member's written signature. Only ballots with signed outer envelopes shall be counted. Only ballots arriving at IEEE Headquarters prior to the stated time limit shall be counted. The votes will be counted under the supervision of the Tellers Committee and the results reported to the Board of Directors at its next meeting.
3. As provided in the Constitution, proposed Bylaw changes and the reasons therefor shall be mailed to all Directors at least twenty days before the stipulated meeting of the Board of Directors at which the vote shall be taken. Two-thirds of the votes of the members present at the meeting shall be required to approve any new Bylaw, amendment or revocation.
4. A complete history of amendments shall be kept in the files of the IEEE.

### 400. GROUPS OF MEMBERS

#### 401. Regions

1. The territory of the United States and its possessions shall be divided into six Regions. The territory comprising Canada shall be Region 7. The territory comprising Europe and certain portions of the Near East and Northern Africa shall be Region 8. Areas not included within Regions 1 through 8 shall be designated Region 9. The boundaries of the Regions shall be established by the Executive Committee.
2. When new Regions are established, or when changes are made in Regional boundaries, the changes shall be made effective so that no Regional Delegate-Regional Director shall have his term shortened by such changes.
3. Regions failing to maintain reasonable activity may be dissolved and the Sections therein may be absorbed into other Regions, the boundaries of which are to be correspondingly altered.

4. Each Region, except Region 9, shall have a Regional Committee which shall consist of at least the Regional Director, the junior past Regional Director, one representative of each Section in the Region, and the Chairman of the Regional Student Activities Committee. The Section representative shall be the Chairman of the Section. A Section may be represented at a Regional Committee meeting by an alternate appointed by the Section Executive Committee with notification to the Regional Director. Region 9 may have a Regional Committee. In the case where a Region contains Districts, the Regional Committee shall include, in addition to the above, a representative of each District of the Region, normally the Chairman of the District, who shall be one of the persons qualified for membership on the Regional Committee as provided for in this paragraph. Such member shall cast only one vote.

5. The Regional Committee may include additional voting members from such groups as the Sections, Membership and Transfers, Professional Technical Groups and the Technical Operations Committees, not exceeding in number one-fourth of the above mandatory number of members representing the Sections in the Region. The purpose for such additional members shall be determined by the Regional Committee based upon each Region's individual requirements. Such additional members shall be appointed on a year-to-year basis by the Regional Director, subject to the approval of the Regional Committee.

6. Each member of the Regional Committee shall be of Member, Senior Member or Fellow grade in the IEEE. The term of office of each member other than the Regional Director and the junior past Regional Director shall be one year concurrent with the term of office of the Section Officers. Vacancies, except for Regional Director, shall be filled by appointment of the Section Executive Committee in which the vacancy exists.

7. The Regional Committee shall hold at least one meeting each year, at an appropriate time and place within the Region. A quorum for a Regional Committee meeting shall consist of a majority of the members of the Committee or their alternates and shall include representatives from at least half of the Sections in the Region. The Regional Director or, in the event of his unavailability, a Regional Committee Vice Chairman, shall be responsible for calling the necessary number of Regional Committee meetings and designation of the places of meeting. Under exceptional circumstances, the Executive Committee may authorize such meeting, for each specific instance, to be held without the Region.

8. The duties of the Regional Committee shall include the making of at least one nomination for Regional Delegate-Regional Director for its Region during election years, participation in the development of the IEEE by means of suggestions on Institute-wide matters to the Executive Committee and on Regional and Sectional matters to the Sections comprising the Region, except that in the case of Region 9 the Regional Committee, if any, may make a recommendation to the IEEE Board of Directors for a nominee for Regional Director for the ensuing term.

9. The Regional Director shall be Chairman of the Regional Committee and shall appoint a Vice Chairman from among the membership of the Committee. The Chairman of the Regional Committee shall appoint a Secretary-Treasurer from among the membership of the Region for a two-year term concurrent with that of the Chairman. The duties of the Secretary-Treasurer shall include correspondence, the keeping of the minutes of the Committee meetings, mailing notices, handling of funds, the keeping of financial records, the submission of a report to the Executive Committee at the end of each year to be sent to the General Manager, and such other duties as are assigned to him by the Chairman. The Secretary-Treasurer shall

not be a voting member of the Committee unless specifically so appointed for a term of one year by the Regional Director, subject to the approval of the Regional Committee.

10. Pending installation of the first Regional Director of a Region, the President of the IEEE shall appoint a Chairman pro-tem of the Regional Committee, with the approval of the Executive Committee, and the Chairman pro-tem shall appoint a Secretary-Treasurer pro-tem.
11. Each Region shall establish a Regional Student Activities Committee to be responsible to the Regional Committee. It shall be concerned with the encouragement of student activities in the Region including Student member and Student Branch operations, general supervision of student activities and meetings when held on a Regional basis, and the fostering and coordination of educational activities with the Sections. The Regional Student Activities Committee shall be composed of all Counselors in the Region and any Student Branches Committee members residing in the Region, ex officio. The Chairman of this Committee is to be elected by the Regional Student Activities Committee. His term of office shall correspond with that of the Regional Director. He shall be a member of the Regional Committee.

12. Each Regional Committee shall conduct its activities within the Constitution, Bylaws and other rules externally imposed which by law affect the membership and activities of the IEEE. Regions shall have the right to obligate their funds for all purposes necessary to promote their objectives except that no Region or any officer or representative thereof shall have any authority to contract debts for, pledge the credit of, or in any way bind the IEEE for those activities specifically prohibited in the Manual for Regions.

13. Partial reimbursement as authorized by the Executive Committee of actual and necessary expenses will be provided to attend one Regional Committee meeting each year for those authorized to attend.

The Executive Committee, in determining the amount of such reimbursement, shall take into account circumstances which may affect Sections of small size or which are remotely located. Under exceptional circumstances, the Executive Committee may provide for partial reimbursement for more than one meeting per year.

### 402. Districts

1. Districts may be established within a Region as geographical subdivisions thereof.
2. A Region may petition the Executive Committee regarding the establishment of a District. Such petition shall include petitions from those contiguous Sections within the Region supporting and opposing the formation of the District. It shall also include the recommendations of the Regional Committee and the Regional Director. Favorable action by the Executive Committee is necessary for the establishment of a District.
3. Each District shall have a District Committee which shall consist of at least the District Chairman, the junior past District Chairman, the District Student Activities Committee Chairman, if such Committee exists, and one representative of each Section in the District appointed by the Section Executive Committee.

4. Each member of the District Committee shall be of Member, Senior Member or Fellow grade in the IEEE. The term of office of each member other than the District Chairman shall be one year concurrent with the term of office of the Section officers. The term of office of the District Chairman shall be two years concurrent with that of the Regional Director. Vacancies shall be filled by appointment from the Section Executive Committee in which the vacancy exists.

5. The District Committee shall hold at least one meeting each year, within the Region. A quorum for a District Committee meeting shall consist of a majority of the members of the Committee or their alternates and shall include representatives from at least half of the Sections of the District. The District Chairman or, in the event of his unavailability, a District Committee Vice Chairman, shall be responsible for calling the necessary number of District Committee meetings.
6. The duties of the District Committee shall include the annual election of all District officers and the coordination of all Section activities within the District as outlined in the District Manual.
7. The District Chairman shall be Chairman of the District Committee. The duties of the Secretary-Treasurer shall include correspondence, the keeping of the minutes of the Committee meetings, mailing notices, handling of funds, the keeping of financial records, the submission of a report at the end of each year and such other duties as are assigned to him by the Chairman.
8. Pending installation of the first District Chairman of the District, the Regional Director shall appoint a Chairman pro-tem of the District Committee, and the Chairman pro-tem may appoint a Secretary-Treasurer pro-tem.
9. Each District Committee shall conduct its activities within the Constitution, Bylaws and other rules externally imposed which by law affect the membership and activities of the IEEE. Districts shall have the right to obligate their funds for all purposes necessary to promote their objectives except that no District or any officer or representative thereof shall have any authority to contract debts for, pledge the credit of, or in any way bind the IEEE for those activities specifically prohibited in the Manual for Districts.

#### 403. Sections

1. There shall be established throughout the territory in which IEEE conducts operations, groups of members residing in specified geographical areas designated as Sections.

Section affiliation shall be determined by the member's mailing address, except that, if a member desires to affiliate with a Section having a boundary in common with that of the Section within which his mailing address is located, he may do so upon notification to IEEE Headquarters and upon payment of \$3.00. The member may change his mailing address, while maintaining affiliation with the Section of his choice, provided that his current mailing address is located within a Section contiguous to the Section of his choice. A change in mailing address to a noncontiguous Section shall cause the member's affiliation to revert to the Section within which his then current mailing address is located. The term "reside in" in Bylaw 301.4 which determines eligibility to serve as Regional Director, shall mean the residence indicated by the member's Section affiliation, as defined in this Bylaw. The provisions of this Bylaw apply to all members above the Student grade.

2. All Sections shall be exclusively those of the IEEE. Management of an IEEE Section shall be exclusively by IEEE members and not jointly with members of any other organization, society, or group. However, IEEE Sections may cooperate with other organizations in holding of joint meetings and may invite members of such organizations and the public to their meetings.
3. The Board of Directors may dissolve any Section for any reason deemed sufficient by the Board of Directors and any remaining funds and assets in the custody of that Section shall revert to the IEEE.

4. A petition for the formation of a Section shall be signed by not fewer than fifty members other than Students, having mailing addresses within the territorial limits proposed in the petition. Under special circumstances, the Executive Committee may consider petitions bearing fewer than fifty signatures. The territorial limits of the proposed Section shall be specifically delineated in the petition. The petition shall also list the concurring and nonconcurring Sections that are involved in the territory concerned.

5. The Executive Committee, upon receipt of a petition for the creation of a Section containing the recommendation of the Regional Director and those of any Sections that may be involved in changes of their territory, may authorize its formation. Each Section so authorized shall within no more than six months thereafter adopt and conform to a Section Constitution approved by the Executive Committee, which Section Constitution shall provide for a Chairman, Secretary-Treasurer and a Section Executive Committee. After the Section is organized and a Section Constitution has been adopted, the Executive Committee may give final approval to its establishment.

6. Each Section shall conduct its activities within the Constitution, Bylaws, Section Manuals and other rules externally imposed which by law affect the membership and activities of the IEEE.

7. Sections shall have the right to obligate their funds for all purposes necessary to promote their objectives except that no Section or any officer or representative thereof shall have any authority to contract debts for, pledge the credit of, or in any way bind, the IEEE for those activities specifically prohibited in the Manual for Sections or in the Section Constitution.

8. Failure of a Section to maintain the required activities, which shall include the holding of at least five meetings each year and also the maintenance of a minimum membership of twenty-five members, other than Students, shall place the Section on probation. All members of the Section shall be informed of the probation by the General Manager who shall also call their attention to the requirements for maintaining the Section. If the delinquency continues for a second year, a second notification to the Section membership shall be made by the General Manager and the Executive Committee shall be informed of the probationary status of the Section. If the delinquency continues throughout a third year, the Section shall, thereupon, automatically be dissolved and all assets reverted to IEEE. The General Manager shall so report to the Executive Committee and so inform the members previously constituting that Section. The Executive Committee may waive the provisions herein regarding dissolution of a Section in case such Section becomes affected by war or any other force majeure, for the period of the duration thereof and for at least six months thereafter.

9. Section Secretaries shall forward to the General Manager a report of each meeting held by the Section and its Subsections, if any, for the presentation or discussion of papers, and at the end of each fiscal year, a financial statement for that fiscal year to the General Manager and the Regional Director.

10. For the maintenance of a Section the IEEE shall credit to the Section for each calendar year:

- a. Basic allowance - there shall be an allowance of one hundred dollars (\$100.00) per Section.
- b. Member allowance - there shall be an allowance of not less than one dollar and ten cents (\$1.10) per member except Students.
- c. Meeting allowance - there shall be an allowance of ten dollars (\$10.00) per meeting for not more than ten meetings of the Section within the calendar year. There shall be an allowance of ten dollars (\$10.00) per meeting for not more than ten meetings of the Subsection within the calendar year.

- There shall be an allowance of not less than ten dollars (\$10.00) per meeting for not more than 10 meetings per year for each Technical Group of a Section not associated with a Professional Technical Group Chapter, if the meeting is attended by at least ten members.
- d. Professional Technical Group allowance - for each Professional Technical Group Chapter, the IEEE shall credit not less than ten dollars (\$10.00) to a Section for each meeting of the Section promoted by a Chapter up to ten meetings per Chapter per year, provided such meeting is attended by ten or more Section members and a report of such meeting, including a statement of the number of members attending, signed by a Chapter officer, is forwarded to IEEE Headquarters through the Section Secretary-Treasurer. A meeting of the Section promoted by a Chapter may be counted among the above ten or may be counted among the ten meetings of the Section as provided in these Bylaws, but not among both as such would result in duplicate payments for the same meeting.
  - e. There may be a per capita allowance of an amount to be determined by the Executive Committee for each Professional Technical Group Chapter member residing in the Section.
  - f. Affiliate of Professional Technical Group allowance - there shall be an allowance of fifty cents (\$.50) for each Affiliate of each and every Professional Technical Group having a mailing address within the territory of the Section as of December 31 of the calendar year for which payment is made.

11. Local voluntary financial contributions may be accepted by Sections.

12. Any Section that publishes a periodical shall inform the Executive Committee of the establishment thereof and shall provide IEEE Headquarters with copies thereof, as published.

#### 404. Subsections

1. In conformance with the Constitution for Sections, a Section may establish Subsections which shall be geographical subdivisions of the Section, subject to the same limitations and control as the Section itself, pursuant to the following conditions:

- a. In the case of Subsections, a petition shall be submitted to the parent Section Executive Committee signed by not fewer than twenty members other than Students, having mailing addresses within the territorial limits proposed in the petition. The territorial limits of the proposed Subsection shall be specifically delineated in the petition;
- b. Approval of the petition by the parent Section Executive Committee and the Regional Director;
- c. Notification to the General Manager of actions by a Section regarding Subsections with a copy of petition or petitions;
- d. Approval by the Executive Committee.

2. Failure of a Subsection to maintain the required activities which shall include the holding of at least five meetings each year and also the maintenance of a minimum membership of fifteen members, other than Students, shall place the Subsection on probation. All members of the Section shall be informed of the probation by the General Manager who shall also call their attention to the requirements for maintaining a Subsection. If the delinquency continues throughout a second year, a second notification to the Section membership shall be made by the General Manager, and the Executive Committee shall be informed of the probationary status of the Subsection. If the delinquency continues for a third year, the Subsection shall, thereupon, automatically be dissolved. The General Manager

shall so report to the Executive Committee and so inform the members of the Section. The Executive Committee may waive the provisions herein regarding the dissolution of a Subsection in case such Subsection becomes affected by war or any other force majeure, for the period of the duration thereof and for at least six months thereafter.

#### 405. Professional Technical Groups

1. There shall be established within the scope and objectives of the IEEE groups of members interested in specific technical fields or related subjects, designated as Professional Technical Groups.

2. A petition for the formation of a Professional Technical Group shall be signed by not fewer than one hundred members, other than Students, shall state the proposed field of interest and shall be forwarded to the Executive Committee after review thereof by the Professional Technical Groups Committee.

3. The Executive Committee, upon receipt of a petition to form a Professional Technical Group, may authorize its formation. After the Group is organized and a Constitution for it is approved by the Executive Committee, the Executive Committee may give final approval to its establishment.

4. Each Professional Technical Group authorized by the Executive Committee shall within not more than six months thereafter adopt and conform to a Professional Technical Group Constitution which shall have been submitted to and approved by the Executive Committee. A Group Constitution may be amended by the Group subject to the approval of the Executive Committee. Such Group Constitution shall provide for a Group Chairman and a Secretary-Treasurer.

5. Each IEEE Professional Technical Group authorized by the Executive Committee may publish a periodical incorporating papers of lasting value to the profession in the field of interest of the Group and designated as the "IEEE Transactions on \_\_\_\_\_." Each Professional Technical Group having such a publication shall also establish a review procedure complying with a uniform IEEE policy.

6. All Professional Technical Groups shall consist exclusively of IEEE members and such Group Affiliates as may be recognized by the Executive Committee. No Professional Technical Group shall be recognized as joint with any other organization, society or group outside of the IEEE. However, Professional Technical Groups may cooperate with other organizations in the holding of joint meetings and may invite members of such organizations and the public to their meetings.

7. The expenses for operating a Professional Technical Group shall be defrayed through the levying of fees or other charges approved by the Executive Committee.

8. For the maintenance of a Professional Technical Group, the IEEE shall credit a subsidy to be set by the Executive Committee; and there shall be provided for each new Professional Technical Group matching funds of one dollar (\$1.00) for each dollar of income derived by the Group from the membership fees during the first two years.

9. All IEEE members may become members of Professional Technical Groups in conformance with the respective Group Constitutions.

10. All Professional Technical Group meetings shall be open to all members of the IEEE on an equal basis with Group members. Any IEEE member or any Group Affiliate, upon payment of charges judged to be equitable by the Executive Committee, shall receive notices of meetings of any Group.

11. A Professional Technical Group may hold or join in holding conferences or offering lectures and may charge for registration; but a Group may not charge for registration at a meeting, conference, convention or lectures when it operates as part of an IEEE Sectional, Regional, national or international meeting, conference, convention, or lectures.

12. All publications of Professional Technical Groups, other than programs, notices, and the like, shall be subject to prior authorization of the Executive Committee and shall be made available to all IEEE members and Group Affiliates on equitable bases approved by the Executive Committee.

13. Each Professional Technical Group shall forward to the General Manager a copy of each meeting notice of the Group, an annual report and a financial statement for each IEEE fiscal year prepared immediately following the end thereof.

14. Professional Technical Groups shall have the right to obligate their funds for all purposes necessary to promote their objectives except that no Professional Technical Group or any officer or representative thereof shall have any authority to contract debts for, pledge the credit of, or in any way bind, the IEEE for those activities specifically prohibited in the Professional Technical Group Constitution or in the Manual for Professional Technical Groups.

15. Each Professional Technical Group shall conduct its activities within the Constitution, Bylaws and other rules externally imposed which by law affect the membership and activities of the IEEE.

16. The Executive Committee may dissolve any Professional Technical Group for any reason deemed sufficient by the Executive Committee and any remaining funds in the custody of that Group shall revert to the IEEE.

17. Group Affiliates are non-IEEE members who have been admitted by a Professional Technical Group to some of the rights and privileges of Group activities. In general, a Group Affiliate must be a person whose technological activities do not justify full membership in the IEEE, but who may be helped by participation in Group activities or who may contribute benefits to Group members by his participation in their activities. The qualifications for Group Affiliates and the limits in rights and privileges shall be established by the Executive Committee.

18. The Professional Technical Groups are:

Aerospace	Electronic Computers
Aerospace & Navigational Electronics	Engineering Management
Antennas & Propagation	Engineering Writing & Speech
Audio	Geoscience Electronics
Automatic Control	Human Factors in Electronics
Bio-Medical Electronics	Industrial Electronics & Control Instrumentation
Broadcast & Television Receivers	Information Theory
Broadcasting	Instrumentation & Measurement
Circuit Theory	Microwave Theory & Techniques
Communications Systems	Military Electronics
Component Parts	Nuclear Science
Education	Power
Electrical Insulation	Product Engineering & Production
Electromagnetic Compatibility	Reliability
Electron Devices	Sonics & Ultrasonics
	Space Electronics & Telemetry
	Vehicular Communications

Additions or changes in the above list, resulting from actions of the Executive Committee, as provided in Bylaw 405.3, shall be entered therein by the General Manager following action by the Executive Committee.

19. The Professional Technical Groups Committee shall consist of the Chairman of each Professional Technical Group, the President of the IEEE, the Vice President elected by the annual Assembly, the Professional Technical Groups Secretary, and the General Manager. The Chairman of this Committee shall be the Vice President elected by the Assembly, and shall be a member of the Executive Committee. 13

The Professional Technical Groups Committee shall additionally include a Vice Chairman appointed by the Executive Committee, who shall not be an officer of any Professional Technical Group.

The Professional Technical Groups Committee shall administer the formation and discontinuance of Groups. It shall also recommend to the Executive Committee the establishment or dissolution of a Group, provide a uniform Constitution, approve Bylaws for Groups involving specialized matters, provide a Manual of Instructions and develop the Group system to its fullest capacity consistent with a healthy growth, all within the limits of whatever framework the Executive Committee shall establish for the conduct of Groups.

20. The Professional Technical Groups Committee may establish Group Divisions comprising Groups having similar interests. Such Group Divisions shall be headed by Sub-Chairmen and if they are established, the Professional Technical Groups Committee shall create a Professional Technical Groups Executive Committee whose Chairman shall be the Chairman of the Professional Technical Groups Committee and whose members would include the Division Sub-Chairmen.

21. The Professional Technical Groups may prepare Standards recommendations, provided that advance approval for each such preparation is obtained from the Standards Committee.

#### 406. Professional Technical Group Chapters

1. A Professional Technical Group Chapter may be established in a Section to function in the manner of a committee of a Section.

2. A petition to establish a Chapter must contain the following:

- Name of the Section.
- Name of the Professional Technical Group.
- Name of the organizer (who becomes interim Chairman pending election of a regular Chairman at a later organization meeting).
- Signatures of at least twelve IEEE members, other than Students, who must indicate they are either members of the Professional Technical Group involved, or are prepared to become members if the petition is granted.

3. The petition for a Chapter shall be submitted to the Section Executive Committee for written approval and forwarded with this written approval to the General Manager. The General Manager shall submit this petition to the Executive Committee for approval. Upon receiving approval, the existence of the new Chapter will be recorded at IEEE Headquarters and the Section Executive Committee will be informed thereof.

4. A Chapter will be required to maintain the following activities:

- Hold not less than two meetings each year.
- Maintain a minimum membership of ten members.

5. Failure of a Chapter to maintain the required activities shall place the Chapter on probation. The Section Executive Committee and all members of the Chapter shall be informed of a condition of probation by the General Manager who shall also call their attention to the requirements for maintaining the Chapter. If the delinquency continues throughout a second year, a second notification shall be issued by the General Manager. If the delinquency continues through a third year, the Chapter shall, thereupon, automatically be dissolved and all assets reverted to IEEE. The General Manager shall so report to the Executive Committee and inform the Section Executive Committee and the members previously constituting that Chapter, of the dissolution. The Executive Committee may waive the provisions herein regarding dissolution of a Chapter in case such Chapter becomes affected by war or any other force majeure, for the period of the duration thereof and for at least six months thereafter.

#### 407. Technical Operations Committee

1. The complete Technical Operating Department committee structure of the AIEE and the complete Technical Committee structure of the IRE initially shall be continued in the IEEE. This entire structure taken over from both present societies shall fall under the cognizance of a Standing Committee of the IEEE to be known as the Technical Operations Committee of the IEEE.

2. The Technical Operations Committee shall supervise and coordinate all technical activities of the IEEE (except those administered by the Editorial Board and the voluntarily associated groups), i.e., (1) the six Technical Committee Divisions as existed in the AIEE and their associated Technical Committees dealing with the specific technical areas (included would be the Technical Committees as existed in the IRE); (2) four staff-type standing General Committees, each functioning on an over-all Institute-wide basis; and (3) suborganizational units as required. The Technical Committee Divisions are: Communication; General Applications; Industry; Instrumentation; Power; Science and Electronics. The General Committees are: Standards; New Technical Activities; Research; Safety.

The Technical Operations Committee arranges programs for the technical sessions at conventions and general meetings of the IEEE for those areas within its responsibility and assists in other areas.

The Chairman of the Technical Operations Committee shall be a member of the Board of Directors and the Executive Committee. The Technical Operations Committee has a Secretariat assigned from the Headquarters Staff by the General Manager. Also included in the membership of the Committee are: one or more Vice Chairmen, a Past Chairman, Chairmen of the Technical Divisions, Chairmen of the standing General Committees, and at least three members-at-large.

Within its areas of responsibility, the Technical Operations Committee will control the technical content of papers and discussions in the form of preprinted papers (if preprinted papers are requested by the Technical Committee), special technical publications, the Transactions, and other technical periodicals and technical reports carried over from the AIEE, specifications and standards.

It coordinates within IEEE and with outside organizations the activities of the Committee Divisions and Technical Committees, recommends the formation of Technical Committees or the discharge of committees no longer considered essential, and coordinates the scopes of all technical committees.

Within its area of responsibility, it will recommend appointment and supervision of IEEE representation on intersociety and outside organizational activities as assigned by the Executive Committee.

The duties, responsibilities, and composition of the Technical Operations Committee is given in detail in its Manual.

3. A Technical Committee Division consists of a Chairman, a Vice-Chairman, a past Chairman, a Secretary who may be assigned from the Headquarters Staff, the Chairmen of the Technical Committees assigned to the Division, delegate members from the Standing Committees as they are required, and at least two members-at-large.

The Technical Committee Divisions supervise and coordinate the affairs of their respective committees. They recommend to the Technical Operations Committee the scopes for the Technical

Committees and the formation of or discharge of Technical Committees within the field of activity of the Division; and the preparation of Standards and Recommended Practices by assignments to one or more of the Technical Committees within the Division. If the assignment involves other Divisions, the assignment is handled by the Technical Operations Committee.

4. A Technical Committee consists of a Chairman and members appointed by the Executive Committee. The incoming Chairman shall recommend the Vice Chairman, Secretary and additional members. The Technical Committees promote and coordinate IEEE activity in their respective fields, are responsible for the presentation of papers at General Meetings, as arranged by the Technical Operations Committee; arrange Special Technical Conferences, either alone or jointly with other committees or with Professional Technical Groups; within their respective scopes initiate and prepare Standards, recommend actions, and report on Standards activities to the Standards Committee.

5. The Standards Committee consists of a Chairman, a Vice Chairman, a past Chairman, a Secretariat assigned from the Headquarters Staff, and at least twenty additional appointed members.

The Committee is responsible on an Institute-wide basis for encouraging and coordinating the work of formulating and revising IEEE Standards. The Committee gives final approval to IEEE Standards prior to submission to the Executive Committee for publication. It considers and investigates all matters relating to units and standards in the fields of electrical engineering, electronics, radio, allied branches of engineering, or the related arts and sciences. It represents the IEEE in cooperation with other standardizing bodies in matters relating to units and standards.

6. The New Technical Activities Committee consists of appointed members and liaison members; one liaison member invited from each IEEE Division (Group Division and Technical Committee Division) and from the Research Committee. The Committee shall promote and develop new technical activities, in conjunction with existing committees, until such areas of activity begin to crystallize into more readily recognizable scopes. It shall then recommend transfer of the activity to a Professional Technical Group. If no suitable Group is active, the transfer would be made to an existing or new Technical Committee.

7. The Research Committee consists of ten or more appointed members. The Committee stimulates research of interest to the IEEE, acts on behalf of the IEEE, may be specifically authorized to initiate and direct research investigations, cooperates on behalf of the IEEE with departments of national and state governments in the considerations of research investigation, submits reports and recommendations concerning research investigations for which support from the IEEE is sought; assists university staffs in selecting research projects for graduate students, and assists the Technical Operations Committee in the preparation of meetings for the discussion of problems in the field of research.

8. The Safety Committee consists of fifteen or more appointed members; considers and investigates matters relating to the protection of persons and property against hazard due to or resultant upon the presence of electricity or the use of electric and electronic apparatus, material, and appliances, and reports such recommendations thereon as it deems desirable for action by the IEEE. To this end, it encourages and coordinates safety consideration by other IEEE organizational units in their respective fields, and with the approval obtained by organizational procedures, may arrange for cooperative relations with other bodies in the consideration of electrical hazards.



9. Scopes of Technical Committee activities, organization and membership, procedures and methods of coordination between them, and with other standardization bodies shall be compiled in a Manual for Technical Committees (including the Technical Operations Committee).

10. The Technical Committees are:

From AIEE

Communication Division:

- Communication Switching Committee
- Communication Theory Committee
- Data Communication Committee
- Radio Communication Committee
- "Radio Engineering and Electronic Physics" Review Committee
- "Radio Engineering" and "Telecommunications" Review Committee
- Space Communication Committee
- Telegraph Systems Committee
- Wire Communication Committee

General Applications Division:

- Domestic Appliances Committee
- Domestic and Commercial Applications Committee
- Land Transportation Committee
- Marine Transportation Committee
- Production and Application of Light Committee

Industry Division:

- Cement Industry Committee
- Chemical Industry Committee
- Corrosion and Cathodic Protection Committee
- Electric Heating Committee
- Electric Welding Committee
- Feedback Control Systems Committee
- General Industry Applications Committee
- Industrial Control Committee
- Industrial Power Rectifiers Committee
- Industrial and Commercial Power Systems Committee
- Industry Division Safety Committee
- Machine Tools Industry Committee
- Metal Industry Committee
- Mining Industry Committee
- Petroleum Industry Committee
- Pulp and Paper Industry Committee
- Rubber and Plastic Industries Committee
- Textile Industry Committee

Instrumentation Division:

- Nuclear Instrumentation Committee
- Telemetry Committee

Power Division:

- Insulated Conductors Committee
- Power Generation Committee
- Power System Communications Committee
- Power System Engineering Committee
- Power System Instrumentation and Measurements Committee
- Protective Devices Committee
- Relays Committee
- Rotating Machinery Committee
- Substations Committee
- Switchgear Committee
- Transformers Committee
- Transmission and Distribution Committee

Science and Electronics Division:

- Basic Sciences Committee
- Computing Devices Committee
- Cybernetics Committee
- Electrical Techniques in Medicine and Biology Committee
- Electron Tubes Committee
- Electronic Circuits and Systems Committee
- Electronic Transformers Committee
- Electronics Committee
- New Energy Sources Committee
- Nonlinear Magnetics Committee
- Nucleonics Committee
- Semiconductor Rectifiers Committee
- Systems Science Committee

From IRE

- Antennas and Waveguides Committee
- Audio and Electroacoustics Committee
- Circuits Committee
- Electron Tubes Committee
- Electronic Computers Committee
- Facsimile Committee
- Feedback Control Systems Committee
- Industrial Electronics Committee
- Information Theory and Modulation Systems Committee
- Measurements and Instrumentation Committee
- Medical Electronics Committee
- Mobile Communication Systems Committee
- Navigation Aids Committee
- Nuclear Techniques Committee
- Piezoelectric and Ferroelectric Crystals Committee
- Radio Frequency Interference Committee
- Radio Receivers Committee
- Radio Transmitters Committee
- Recording and Reproducing Committee
- Reliability Committee
- Solid State Devices Committee
- Symbols Committee
- Television Systems Committee
- Video Techniques Committee
- Wave Propagation Committee

Additions or changes in the above list, resulting from actions of the Executive Committee, as provided in Bylaw 407.11, shall be entered therein by the General Manager following action by the Executive Committee.

11. Technical Committees shall be appointed by the Executive Committee and the term of office shall start with the first day following appointment and shall continue until the date of the succeeding term of appointments take place.

12. Technical Committees may prepare Standards recommendations, provided that advance approval for each such preparation is obtained from the Standards Committee.

408. Student Branches

1. There shall be established throughout the territory in which IEEE conducts operations, groups of Student members residing in specified geographic localities, designated as Student Branches or Student Associate Branches.

2. There shall be established Counselors who shall be IEEE members and teachers of electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences, at universities, colleges or technical institutes eligible for IEEE Student members, and who shall be appointed by the Executive Committee upon the recommendation of the Regional Director. Each such Counselor is charged with promoting the welfare of the IEEE at his institution, particularly in matters relating to Student activities.

3. Upon receipt of a petition signed by the IEEE Counselor, or in the event one has not been appointed, by a representative of the faculty of the educational institution involved, and by ten or more IEEE members who are students in a "school of recognized standing" as determined by the Executive Committee, the Executive Committee may, upon recommendation of the Regional Director and Student Branches Committee, authorize the establishment of an IEEE Student Branch in that institution.

4. Upon receipt of a petition signed by the IEEE Counselor or by a representative of the faculty of the institution involved, in the event a Counselor has not been appointed, and by ten or more IEEE members who are students in an educational institution other than a "school of recognized standing," the Executive Committee may authorize the establishment of an IEEE Student Associate Branch in that institution.

5. Each IEEE Student Branch and each IEEE Student Associate Branch shall adopt and conform to a Student Branch Constitution which shall have been submitted to and approved by the Executive Committee.

6. The IEEE, by action of the Executive Committee, may join with another engineering or technical society to co-sponsor a Joint Student Branch in a "school of recognized standing" or a Joint Student Associate Branch in an educational institution, other than a "school of recognized standing," provided it is approved by the Executive Committee. The petition for the establishment of the Branch must be signed by the IEEE Counselor, or by a representative of the faculty of the educational institution involved, in the event a Counselor has not been appointed, and by ten or more Student members of the IEEE.

7. Each Joint Student Branch and each Joint Student Associate Branch shall adopt and conform to a Joint Student Branch Constitution which shall have been submitted to and approved by, both the Executive Committee and the other co-sponsoring society.

8. IEEE Student Branches, IEEE Student Associate Branches, Joint Student Branches or Joint Student Associate Branches shall have the right to obligate their funds for all purposes necessary to promote their objectives except that no IEEE Student Branches, IEEE Student Associate Branches, Joint Student Branches or Joint Student Associate Branches, or any officer or representative thereof shall have any authority to contract debts for, pledge the credit of, or in any way bind the IEEE for those activities specifically prohibited in the Student Branches Constitution or in the Manual for Student Branches.

9. Each IEEE Student Branch, IEEE Student Associate Branch, Joint Student Branch or Joint Student Associate Branch shall forward to the General Manager a brief report of each meeting held by the Branch for the presentation or discussion of papers, and during June of each year, a financial statement for the preceding year.

10. An IEEE Student Branch, IEEE Student Associate Branch, Joint Student Branch or Joint Student Associate Branch may defray expenses by assessment of its members as provided in its constitution and, in addition, may accept local non-compulsory financial contributions. Nonmember students of the institution where a Student Branch is established may attend the Student Branch meetings under such conditions as may be prescribed by the Student Branch.

11. Failure of an IEEE Student Branch or IEEE Student Associate Branch to maintain a minimum of ten IEEE Student members and to hold at least three meetings each year shall place the Branch on probation. The Regional Director, all officers of the Branch and the IEEE Counselor, or a representative of the faculty of the educational institution or other institute involved, in the event a Counselor has not been appointed, shall be informed of the probation by the General Manager who shall also call to their attention the requirements for maintaining the Branch. If the delinquency continues for a second year, the IEEE sponsorship shall be withdrawn automatically. The General Manager shall so report to the Executive Committee and Regional Director, and so inform the former officers of the dissolved Branch and the IEEE Counselor.

12. Failure of a Joint Student Branch or Joint Student Associate Branch to maintain a minimum of ten IEEE Student members and to hold at least three meetings each year shall be reported by the General Manager to the Executive Committee and the Regional Director, and similar action as for delinquencies of IEEE Student Branches shall be taken following formal notification to the co-sponsoring society.

13. For maintenance of an IEEE Student Branch or Joint Student Branch, Student Associate Branch, or Joint Student Associate Branch, upon certification by the IEEE Counselor or by a representative of the faculty of the educational institution where the Branch is located, in the event a Counselor has not been appointed, the IEEE shall credit to each such Branch upon request, for any twelve-month period, the sum of twenty-five dollars (\$25.00) for Branches with less than fifty members and fifty dollars (\$50.00) for Branches with fifty or more members; and shall also pay to each such Branch the sum of one dollar (\$1.00) for each IEEE Student member of the Branch as of November fifteenth of each year and the sum of fifty cents (\$0.50) for each additional IEEE Student member of the Branch as of the following February first, to be paid with the primary remittance after the following November 15.

14. The Executive Committee may, after consultation with the Regional Director, dissolve an IEEE Student Branch or IEEE Student Associate Branch or withdraw its sponsorship and support of a Joint Student Branch or Joint Student Associate Branch for any reason deemed sufficient by the Executive Committee and upon notification to the Regional Director. Any remaining funds in the custody of that Branch, or Joint Branch, attributable to IEEE sponsorship, shall revert to the IEEE.

15. Each Branch shall conduct its activities within the Constitution, Bylaws, and other rules externally imposed which by law affect the membership and activities of the IEEE.

16. Upon request by a Regional Committee and justification satisfactory to the Executive Committee, the Executive Committee shall authorize partial reimbursement of actual and necessary expenses for the Counselor of each Student Branch, for the Student Branch Chairman and the Student paper first prize winner, if any, from any Branch to attend one meeting of a District or Region each year.

409. Other Standing Committees

1. The Awards Board shall administer the awards activities of the IEEE. The Awards Board shall consist of 18 members: the Chairman, Vice Chairman, 9 members representing the IEEE Regions, and the Chairmen of the following Committees of the Awards Board:

- Edison Medal Committee
- Founders Award Committee
- Lamme Medal Committee
- IEEE Education Medal Committee
- Field Awards Committee
- Scholarship Awards Committee
- IEEE Prize Papers Committee

The number of members serving on these Committees shall be specified in the Manual of the Awards Board. The Awards Board shall study the awards activities of the IEEE and shall recommend, from time to time, to the Board of Directors such changes as it deems desirable.

IEEE Medal of Honor. The Awards Board, as a Committee of the whole, shall recommend to the Board of Directors the names of candidates for the principal award of the IEEE, the IEEE Medal of Honor. The Medal of Honor shall be awarded to a candidate (not necessarily a member of the IEEE) who shall have made an exceptional contribution to the fields of science and technology defined in Article I of the IEEE Constitution. The Medal of Honor shall not ordinarily be awarded on an annual basis, but shall be awarded only when a candidate is identified as meeting the exceptional requirements of this Award.

IEEE Major Awards. Committees of the Awards Board, with at least one member of the Board of Directors serving on each, shall be appointed to recommend candidates for and administer the four Major Awards of the IEEE, as follows:

The Edison Medal. The Edison Medal shall be the principal annual award of the IEEE, and shall be awarded to a candidate whose technical achievements have extended over a period of years.

The Founders Award. The Founders Award shall be presented annually to recognize outstanding service to the IEEE.

The Lamme Medal. The Lamme Medal shall be the principal annual award for meritorious achievement in the development of electrical or electronic apparatus or systems.

The IEEE Education Medal. The IEEE Education Medal shall be awarded annually to recognize outstanding contributions to education.

These Major Awards shall be awarded on an annual basis except when in the judgment of the Awards Board suitable candidates are not available. Recipients of the IEEE Major Awards shall be members of IEEE, except that, under exceptional circumstances, the Board of Directors may approve the presentation of any of the four IEEE Major Awards to a nonmember.

Field Awards. The Field Awards Committee of the Awards Board shall administer and recommend candidates for the IEEE Field Awards in several fields of science and technology and in particular classes of service. Candidates shall be members of the IEEE. The Field Awards are:

The Harry Diamond Award, for outstanding technical contributions in the government service.

The William M. Habirshaw Award, in the field of transmission and distribution of electric power.

The Mervin J. Kelly Award, in the field of communications.

The Morris E. Leeds Award, in the field of electrical measurement.

The Morris N. Liebmann Award, in the field of radio.

The David Sarnoff Award, in the field of electronics.

The Vladimir K. Zworykin Award, in the field of electronic television.

Scholarship Awards. The Scholarship Awards Committee of the Awards Board shall administer and recommend candidates for the Portescue Fellowship Award and the Volta Scholarship Award, and such other scholarships or fellowships as may be established by the Board of Directors.

IEEE Prize Papers. The IEEE Prize Papers Committee of the Awards Board shall administer and recommend candidates for:

The W.R.G. Baker Award, presented annually for the best paper originating in any of the IEEE TRANSACTIONS.

The Browder J. Thompson Award, presented annually for the best paper in any IEEE publication by an author or joint authors under thirty years of age.

The IEEE Student Prize Papers Award, presented annually for the best paper by an IEEE Student member or members, selected from the winners of the Regional Prize Papers Contests.

The Awards Board shall have policy supervision over all Prize Papers Awards of the IEEE, but may delegate responsibility for administration, selection of candidates and presentation of Prize Paper Awards, other than those listed in this Bylaw, to the appropriate Standing Committee, as follows: Student Prize Papers to the Student Branches Committee; Professional Technical Group Prize Papers to the Professional Technical Groups Committee; Technical Operations Committee Prize Papers to the Technical Operations Committee; Section, District, and Regional Prize Papers to the Sections Committee.

Authority for Awards. The IEEE Awards administered by the Awards Board and its Committees shall be presented with the approval of, and in the name of, the IEEE Board of Directors. In the case of Scholarships and Fellowship Awards, the Board of Directors may delegate its authority to the Executive Committee.

Procedure for Selection of Candidates. Except as expressly provided in these Bylaws, the procedure for the selection of candidates for awards shall be as specified in the Manual of the Awards Board.

Appointment of the Awards Board and Awards Board Committees. The Chairman of the Awards Board, who shall be a member of the IEEE Board of Directors, and the other members of the Awards Board, including those who are Chairmen of the Committees of the Awards Board, shall be appointed by the IEEE Board of Directors for terms of one year. No member of the Awards Board shall serve more than three consecutive years.

The other members of the Committees of the Awards Board shall be recommended by the Awards Board and appointed by the IEEE Executive Committee.

Time and Place of Presentation. The Medal of Honor and the IEEE Major Awards shall be presented during the IEEE International Convention. All other awards shall be presented at the times and places specified in the Manual of the Awards Board.

2. The Admission and Advancement Committee shall be responsible for advising the Executive Committee as to the admission and transfer of applicants to the professional grades of Senior Member and Member. It shall be concerned with determining whether the applicants meet the requirements of the Constitution and the Bylaws, functioning primarily as a jury and acting as a guardian of the membership standards of the IEEE. As far as possible, its meetings shall be held just prior to the scheduled meetings of the Executive Committee in the interest of expediting the processing of applications. Members of the Admission and Advancement Committee shall be of Fellow or Senior Member grade.

Applications for the grades of Associate and Student shall be handled by IEEE Headquarters and periodic reports shall be made to the Executive Committee by the General Manager.

3. The Editorial Board shall be advisory to the Board of Directors through the Executive Committee concerning all matters of editorial policy of all IEEE publications.

The Editorial Board shall consist of the Editor as Chairman, the Vice Chairman, the Managing Editor, the Editor of the Student Journal, and not fewer than three nor more than five other members.

4. The Education Committee shall be a policy advisory group for the IEEE in the field of education and shall report to the Executive Committee at periodic intervals concerning the status of and proposals affecting that field. These reports shall be circulated to the members of the Board of Directors.

The Committee shall study the needs of education in electrical or electronics engineering, or the allied sciences, including the high schools, the technical institutes and the colleges and universities, and determine whether the general area of electrical engineering, electronics and science is adequately covered. The Committee shall seek contributions to the formulation of policy recommendations from the Professional Technical Groups and Technical Committees, encouraging them to provide for exchange of information through seminars and publications and for discussion of educational philosophy, problems and methods.

5. The Fellow Committee shall be responsible for making recommendations to the Board of Directors for nominees to be conferred the grade of Fellow. The Committee shall also provide a citation for each such nominee. The recommendations may not exceed a total of one hundred twenty-five in any one year. Sources from which nominations of candidates and other useful information shall be obtained shall be set forth in the Fellow Committee Manual.

The Fellow Committee shall consist of sixteen members chosen from among those of Fellow grade, nine being selected so that each of Regions 1 to 9 inclusive will have representation. Eight of the sixteen members shall be appointed each year for terms of two years each. A Chairman shall be appointed from among the sixteen members to serve for a term of one year.

No member of the Board of Directors, the Fellow Committee or the Headquarters Staff shall act as sponsor or reference for any nomination for Fellow grade, if he occupies any of these positions on the date of submission of the nomination or reference form.

6. The Finance Committee shall consist of not more than five members of the Board of Directors and shall include the Treasurer. The Chairman of the Finance Committee shall be chosen from among the members of the Executive Committee.

The Committee shall be responsible for periodically reviewing the fiscal affairs of the IEEE concerning which it is to take the initiative for making recommendations to the Executive Committee when warranted. It shall review the annual budget in advance of its submission to the Executive Committee and the Board of Directors.

7. The History Committee shall be responsible for considering questions concerning historical matters in the fields covered by IEEE activities, including assistance to the Editorial Board, assisting institutions of a public nature such as the Smithsonian Institution where helpful information is requested and can be secured, and for providing information and recommendations to the Executive Committee when pertinent.

8. The Intersociety Relations Committee consists of nine members appointed by the Board of Directors. The terms of appointment of one-third of the members expire at the close of each administrative year. (Experience with the major federation and intersociety groups should, to the extent feasible, be represented in the membership of the Committee.) The Chairman for each administrative year is designated by the President for that year. The Committee organizes as necessary to effectuate its assigned responsibilities.

The Committee reports to the Board and is responsible for the following:

Advising the Board on matters of policy with respect to intersociety affairs.  
Representing the IEEE in negotiations of new intersociety relations.

Formulating methods for the application of IEEE policy to intersociety problems.  
Promoting the implementation of IEEE policies and programs in the field of intersociety relations.  
Carrying out any related activity assigned to the Committee by the Board of Directors.

9. There shall be a "Life Member Fund" carried on the accounts of IEEE, made up of contributions by Life Members and to which contributions may be made in the future. The purposes for which the fund may be used and withdrawals therefrom shall be under the control of the Life Member Fund Committee.

The Life Member Fund Committee shall consist of eight members. At least four shall be contributors to the fund and at least one shall be a member of the Board of Directors.

10. The Membership and Transfers Committee consists of one representative from each Region and members-at-large all appointed by the Executive Committee on recommendation of the Vice President elected by the voting members. Its purpose is to plan and develop methods for extending the membership of IEEE and promoting transfers in grade to the end that all members shall occupy the highest grade for which they are qualified.

11. The Nominations and Appointments Committee shall be appointed at the last meeting of the Board of Directors held prior to December tenth and shall continue during the following year until such time as it has submitted all of its recommendations. Its membership shall be chosen from among those members of the Board of Directors whose terms continue through the following year and shall include two Directors who are currently serving the first year of their terms. Its membership may additionally include not more than two junior past Regional Directors.

At least fourteen days before the next annual Assembly, the Nominations and Appointments Committee shall mail to the Delegates whose terms continue through the following year and to the new Delegates-elect, a list of candidates for the offices of Vice President, Director for Region 9, Secretary, Treasurer, Editor and Directors to be elected by the annual Assembly.

A list of candidates to fill vacancies expected to exist among the chairmen and members of the Executive, Fellow, Intersociety Relations, Life Member Fund and Tellers Committees and the Awards and Editorial Boards shall be sent to all the Directors whose terms continue through the following year, to the new Directors-elect and to those candidates recommended by the Nominations and Appointments Committee for election as Directors by the annual Assembly.

The Nominations and Appointments Committee shall also, subsequent to the termination of the fiscal year in which it was appointed, carry out the other provisions of these Bylaws. In addition, the Nominations and Appointments Committee shall recommend to the Board of Directors nominees for the Nominations and Appointments Committee to be appointed later in that year.

12. The Professional Relations Committee shall be responsible for keeping the Executive Committee informed on matters relating to Registration of Engineers, Professional Conduct and Ethics.

13. The Public Relations Committee consists of six or more members appointed by the Executive Committee. The Committee prepares and disseminates information concerning the IEEE and its activities, intended for distribution elsewhere than the IEEE's publications. It serves as an advisory body on all questions of IEEE public relations. It cooperates with other IEEE committees and with Section and Student Branch officers on the publicity phases of their particular activities.

14. The Sections Committee deals with problems and activities involving the interest and welfare of the Sections, their relations with the IEEE and with other organizations. It shall, when appropriate, make recommendations to the Executive Committee regarding Section affairs.

The Sections Committee shall consist of not less than twenty members, and its Chairman shall be the Vice President elected by the voting members. It may hold an annual meeting preferably during the general meeting of the IEEE held in the summer.

15. The Student Branches Committee shall be responsible to the Executive Committee for evolving recommendations regarding Student Branches of the IEEE and problems of individual Student members having no Student Branch affiliation. The Student Branches Committee may make recommendations to the Editorial Board with respect to the content of the Student publication.

The Student Branches Committee shall include the Chairmen of the Regional Student Activities Committees.

Administration of an Outstanding Student Branch Award shall be the responsibility of the Student Branches Committee.

16. The Tellers Committee shall be responsible to the Board of Directors for the supervision of the counting of ballots required to be obtained by the Constitution on questions submitted to the membership of IEEE or to groups of members. Reports by the Committee to the Board of Directors shall be signed by the Chairman of the Committee.

#### 500. PUBLICATIONS

##### 501. Periodicals

1. The IEEE shall publish, effective January 1, 1964, a monthly publication entitled "IEEE SPECTRUM," which shall be distributed to all members, except those in Student grade.
2. The IEEE shall publish a monthly publication entitled "PROCEEDINGS OF THE IEEE." Effective January 1, 1964, this publication shall be available to all IEEE members at a subscription fee set by the Executive Committee.
3. The IEEE shall publish periodicals produced by the various Professional Technical Groups named "Transactions on \_\_\_\_\_," where specialized technical papers shall be published.
4. The IEEE shall publish periodicals and annual Transactions sponsored by certain Technical Committees.
5. The IEEE shall publish a Student periodical. This shall contain both technical material and items of news of interest to Students.
6. The IEEE may publish an Annual Directory containing lists of its members, lists of manufacturers, supplies and products.

##### 502. Other Publications

1. The IEEE may issue other special publications such as convention and conference records, cumulative indices, etc., when warranted.

##### 503. Standards

1. The IEEE may publish from time to time IEEE Standards concerning technologies encompassed within the scope of the purposes of the IEEE which have been issued by its Technical Operations Committee.

#### 600. CONVENTIONS AND MEETINGS

##### 601. Annual International Convention

1. There shall be held annually in New York City in the month of March, or as near thereto as possible, a convention named the "IEEE International Convention and Electrical and Electronic Engineering Show." The IEEE shall be the sole sponsor.

##### 602. Other General Meetings

1. There shall be held annually, preferably in the summer, in conjunction with one of the Regional meetings or special technical conferences, a general meeting of the IEEE, primarily devoted to organizational matters involving Regions, Districts, Sections and Standing Committees.

##### 603. Regional Meetings

1. Regionally organized and sponsored Meetings may be held on the approval of the Executive Committee for the presentation of technical papers.

##### 604. Special Technical Conferences

1. Special Technical Conferences may be held with the approval of the Executive Committee. These conferences shall be for the presentation of technical papers on a particular phase of the IEEE's technical activities.