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communication among
Headquarters, Committees,
Groups, and Sections

ELECTRICAL ENGINEERING

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NOMINATIONS FOR 1967 IEEE OFFICERS AND DIRECTORS. The IEEE Board of Directors has an-
nounced that the following nominees for officers and directors (delegates) for 1967
will be placed on the ballot to be submitted to voting members: President, 1967 -
Walter K. MacAdam; Vice President, 1967 - Hendley Blackmon; Delegates-at-Large/
Directors-at-Large, 1967/1968 - Bruce S. Angwin, Harold Chestnut, Edward E. David, Jr.,
and Joseph T. Lusignan; Regional Delegates/Regional Directors, 1967/1968 - Region 2,
John G. Brainerd and Delmer C. Ports; Region 4, Harry P. Bruncke and David M. Hodgin;
Region 6, Myron A. Bostwick, Donald F. Folland, and Stanley F. Kaisel; Region 8, Robert
C. G. Williams.

According to Article XII, Section 3 of the IEEE Constitution, nominations by peti-
tion for any of these offices may be made by letter to the Board of Directors setting
forth the name of the proposed candidate and the office for which the candidate is de-
sired to be nominated, provided such letter is received at the general offices of the
IEEE before noon on the Friday prior to August 15 (August 12, 1966). Such a petition
shall be signed by at least one-third percent of the total number of voting members as
listed in the official membership records at the end of the previous year, but in no
cases shall the number be less than one hundred. Ballots will be mailed to members
on or before September 1 and will be due back by November 1.

IEEE PUBLICATION POLICIES. Any member who is involved with the publication of any
IEEE publication - Section Publication, Group Newsletter, Group Transactions, etc. -
should be cognizant of certain policies in regard to all IEEE publications. Spe-
cifically, material of a political nature or dealing with legislative matters is not
permitted in IEEE publications. Unduly commercial material should also be avoided.

Commercial material requiring careful attention, for example, are "Company Profiles" and/or "Industrial Biographies."

Because the IEEE is a non-national society, special care should be taken in using the word "national" in connection with IEEE activities. For example, there is no such thing as national headquarters or a national chairman of a Group, to mention some typical misuses of the term.

POLICY ON INITIATION OF CONFERENCES. The Sections Committee and the Executive Committee have recommended the following slight editorial change to this policy. The second sentence of the first paragraph should be changed to read: "In cases where a sufficient number of the Section members have a specialized interest to warrant the establishment of a Group Chapter, the needs of the Section members in that special field will ordinarily be satisfied by the organization of symposia, meetings and conferences by the Group Chapters." You will note the addition of the word "Section" in the fifth line above.

AMENDMENTS TO POLICY STATEMENTS 2-A AND 2-E. 2-A. Conference Approval. Add new paragraph to 2-A: "A Group-sponsored conference without exhibits and with a budgeted total expense not exceeding \$1,000 shall require approval only by the Administrative Committee of the Group. Information concerning the meeting, including the approved budget, shall be provided to the General Manager at the earliest possible date, but at least 90 days in advance of the meeting."

2-E. Approval of Conference Budgets. Amend fourth sentence of first paragraph of 2-E to read: "This procedure shall apply to all conferences defined by 2-A, except as noted therein."

(Unanimously approved, subject to the understanding that the small conferences will continue to comply with Policy Statement 2-I; that they will submit a Conference Report after the Conference, and will meet all other requirements of IEEE policies.)

ESTABLISHMENT OF SCHOLARSHIP FUNDS. Recently, one of the IEEE Subsections was considering a proposal from its members to establish a scholarship fund for the dependents of deceased members through voluntary contributions. The Subsection raised the question with IEEE Headquarters of what effect such action might have as far as the Internal Revenue Service was concerned.

IEEE's purposes, as stated in Article I, Section 2 of its Constitution are: "Scientific, literary and educational, directed toward the advancement of the theory and practice of electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences." As a scientific, literary and educational organization, IEEE is exempt from federal income tax. In order to maintain

its tax-exempt status, the Internal Revenue Code requires that IEEE be operated: "Exclusively for . . . scientific . . . literary, or educational purposes . . . no part of the net earnings of which emures to any private . . . individual . . ." (emphasis supplied) In this regard, the Income Tax Regulations state: "An organization is not organized or operated exclusively for one or more (exempt) purposes . . . unless it serves a public rather than a private interest."

The establishment of a scholarship fund by a Subsection would not constitute an activity which falls within the purposes set forth in IEEE's Constitution as it can not be said to advance the theory and practice of any form of engineering or related activity; neither is it a "scientific," "literary" nor "educational" activity as those terms are described in the Income Tax Regulations. Moreover, limiting the class of recipients to dependents of deceased members may be said to serve a private rather than a public interest. In view of IEEE's Constitution as presently in effect and in light of its stated policy to maintain its federal tax exemption, the maintenance of a scholarship fund is not felt to constitute a proper IEEE activity.

IEEE POLICY ON INTERNATIONAL ACTIVITIES. It is the policy of the IEEE to accept as members technically qualified individuals of any nationality regardless of geographical or political considerations. It is the policy of the IEEE to cooperate and not to compete with existing national societies. Since customs and legislation in connection with professional societies differ in various countries, it is the policy of the IEEE that special provision may be made in the Bylaws in order to provide appropriate technical activities for its members residing in different countries. Appropriate IEEE organizational units may, upon request, appoint representatives to national agencies of a technical nature in any country, subject to approval of the Executive Committee. Appointees will represent IEEE only insofar as its activity in that country is concerned.

IEEE POLICY ON CONFERENCE USE OF THE WORD "INTERNATIONAL." A meeting shall qualify for the use of the word "international" in its title if the IEEE Executive Committee is satisfied that the meeting will reflect, to a significant degree, an international character. Ordinarily this would require active participation on the technical program committee of members from at least two nations (three nations in the case of U.S. or Canadian meetings). There should be a reasonable expectation that the technical program will include a significant number of papers from at least one other nation (at least two other nations for U.S. or Canadian meetings), and that review procedures will be applied uniformly.

IEEE POLICY ON GROUP AWARDS. 1) Complete information on all Group Awards including the criteria, the awards and the timing shall be filed with the Awards Board by each Group before being put in effect so that a complete record of all IEEE awards may be maintained. 2) All proposals for the establishment of Group Awards shall be forwarded to the Awards Board for approval. (At the time a Group proposal is forwarded to the Awards Board an information copy will be sent to the TAB Chairman and Secretary. The Awards Board will consider any comments from the TAB Chairman and, having acted on the award proposal, will notify both the Group and TAB Chairman.) Neither the Awards Board nor the Technical Activities Board shall have jurisdiction as to the selection of recipients for Group Awards. 3) The total of all awards in any year by one Group shall not exceed 3% of that Group's annual budget, or \$500 whichever is larger. No single Group award may exceed \$500. 4) Cash awards from funds contributed by sources outside the Group may be administered by a Group after approval by the Awards Board. The general feeling is that any Award exceeding \$500 should preferably be made a general IEEE Award rather than a Group Award, if the donor agrees. 5) The time, place and circumstances of Group Awards should be left to the Groups but information on this should be available to all Groups. 6) Information about approved Group Awards should be made available to all Groups for guidance in their plans.

IEEE POLICY ON ACCEPTANCE OF FUNDS FROM FOUNDATIONS AND GOVERNMENT. The IEEE may accept outside financial support from foundations or government agencies, when



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

BOARD OF DIRECTORS, 1966

W. G. Shepherd, <i>President</i>	F. K. Willenbrock, <i>Vice President,</i>		
W. K. MacAdam, <i>Vice President</i>	<i>Publication Activities</i>		
Hendley Blackmon, <i>Vice President,</i>	C. H. Linder, <i>Secretary</i>		
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A. N. Goldsmith, <i>Editor Emeritus and Director Emeritus</i>			
Haraden Pratt, <i>Director Emeritus</i>			
E. B. Robertson, <i>Director Emeritus</i>			

Donald G. Fink, *General Manager*

ELECTRICAL ENGINEERING is published by IEEE Headquarters, 345 East 47 Street, New York, N.Y. 10017, to provide a direct channel of communication vertically and horizontally within the IEEE organizational structure. It is distributed to the principal officers of all major IEEE units such as Committees, Groups, and Sections. Comments and contributions are welcome and should be addressed to R. K. Jurgen at the above address.

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such support is for activities of a technical and educational nature available to the entire membership and of interest to a considerable segment.

Outside support is acceptable when such activities involve such considerable expense in service to non-members that support by the Institute alone would be inappropriate. Such activities might include publication of interdisciplinary periodicals, holding of special symposia, translation of journals and the like. Termination of outside support should not leave the Institute with commitments it cannot meet.

IEEE MEMBERSHIP DIRECTORY. IEEE members may purchase two copies of the IEEE MEMBERSHIP DIRECTORY at the \$8.00 rate, with additional copies purchased to be charged at \$25.00.

DUES INCREASE. Each IEEE member has been sent a letter from President W. G. Shepherd informing him that the IEEE Board of Directors at its March 25, 1966 meeting unanimously approved an increase in the membership dues to \$25.00 annually, except for the year following transfer from Student grade during which the dues will be \$15.00. Annual Student membership dues will remain at \$5.00. A complete discussion of the Board's action will be published in the June issue of IEEE SPECTRUM. No additional information will be available until then.

NEEDED - MORE COMMUNICATION! An organization the size of IEEE can only function effectively when many channels of communication are established and used. It has been suggested that Section and Group Chairmen consider making more use of those informal channels....correspondence and telephone....to create common awareness of the activities presently in progress in each of their respective entities. Many of the educational programs developed by Sections and/or Groups can be of extreme value to others who, unfortunately, are not aware of their existence. Your Executive Committee created an Ad Hoc Internal Communications Committee charged with the responsibility of suggesting ways in which all internal communications within the IEEE organization can be improved. Chairman of the Committee is Mr. Joseph C. Bregar, Superintendent, Development and Manufacturing Engineering, Western Electric Company, Inc., 555 Union Boulevard, Allentown, Pennsylvania 18103. Your comments are welcome.

CONTINUING ENGINEERING STUDIES REPORT JUST PUBLISHED. A comprehensive report embodying significant recommendations to the engineering profession is now available through the Engineers' Council for Professional Development. Its content, the culmination of two years of study on the part of the Joint Advisory Committee on Continuing Engineering Studies, lays the foundation for future developments in this burgeoning area of education.

The report should serve as a guide for concerted action within the engineering societies, industry, academic institutions or government. It is also felt that this same report will help the individual engineer to clarify his need for continuing engineering studies and to plan for its attendant fulfillment.

Copies of this report can be obtained from the office of the Engineers' Council for Professional Development, 345 East 47th Street, New York, New York 10017. Single copies are priced at \$1.00. Quantities of 25 or more are priced at 75¢ per copy. This quantity price has been further reduced for academic institutions to 50¢ per copy.

IEEE JOURNAL OF SOLID-STATE CIRCUITS. In the third quarter of 1966, the IEEE will begin publication of a new journal -- the IEEE Journal of Solid-State Circuits. Two issues will be published in 1966 and in 1967 quarterly publication will begin. Four Groups are interested in supporting the new journal. They are the Groups on Circuit Theory, Computers, Electron Devices, and Microwave Theory and Techniques. For 1966, all members of G-CT and G-ED will receive copies of the new journal at no additional charge because of financial arrangements that have been made by the administrative committees of these Groups. In 1966, members of G-C and G-MTT may subscribe at the rate of \$2. All other IEEE members may subscribe at a \$3 rate for 1966. In 1967, when quarterly publication begins, members of G-CT will continue to receive the new journal at no extra charge. Special arrangements may be made for members of G-ED,

G-C, and G-MTT. All other IEEE members may subscribe in 1967 for \$6.

An IEEE Solid-State Circuits Council has been established. The chairman is John G. Linvill, Executive Head, Department of Electrical Engineering, Stanford University, Stanford, Calif. The vice-chairman is Gordon E. Moore, Director, Research and Development, Fairchild Semiconductor Division of Fairchild Camera and Instrument Corp., Palo Alto, Calif. Each of the previously mentioned Groups will designate a representative and alternate for the Council. The Council will be responsible for advising and assisting all IEEE activities related to solid-state circuits. The Council will appoint an editor for the new journal and will assist him in completing organizational arrangements to make possible publication of the first issue in the third quarter of 1966.

NEW STUDENT GUIDANCE BROCHURE AVAILABLE. "Your Challenge in Electrical Engineering" is the title of a completely revised and updated guidance brochure now available from IEEE Headquarters. It answers the questions: What shall I be?; What is electrical engineering?; Have I got what it takes?; What are the educational requirements?; Can I afford college?; What will I study?; What do I want in engineering?; What are the rewards in engineering?; and then describes for the student what he can expect on his first job.

Section and Group officers and committee chairmen are invited to purchase these brochures for use in their student guidance activities. Address inquiries to: Order Department, The Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, New York 10017.

INFORMATION PROCESSING. The IEEE is seeking a man, preferably in the age range from 35 to 42 with library training or experience (preferably M.L.S.) and degree (M.S. or Ph.D.) in physics or electrical engineering to organize a program on information processing and retrieval. Experience may be substituted for an advanced degree. In this position, the suitable candidate must be able to generate ideas and formulate programs, working them out with committees that comprise knowledgeable experts in the fields of information handling, communications, computer technology, and technical journal publishing. He must be capable of building and administering a small organization to explore information handling techniques and coordinate activities with other editorial projects. Besides demonstrating good judgment, the candidate must know how to design an experiment that will test new and untried approaches meaningfully. He must be a good speaker and writer, prepared to instruct and inform the membership of IEEE and assist the volunteer editors of more than thirty scientific and engineering journals. He will report directly to the Director - Editorial Services. Please have any eligible candidates submit a resume with application to: E. K. Gannett, Director - Editorial Services, Institute of Electrical and Electronics Engineers, Inc., 345 East 47th Street, New York, N.Y. 10017. Phone: (212) PLaza 2-6800, Ext. 427.

TRAFFIC FILM AVAILABLE. A 16-mm, half-hour film of the Educational TV program, "Traffic Control Techniques," sponsored by IEEE last spring, is now available for loan to Sections, Group Chapters, and Branches. In the film, three IEEE members, including New York Traffic Commissioner Henry A. Barnes, discuss the application of electronics to the study and control of urban traffic. Address requests to Pennsylvania State University, Film Library, University Park, Pennsylvania. Give three dates in the order of preference.

IEEE POWER GROUP OFFERS SLIDE KIT FOR CHAPTER ORGANIZATION. The IEEE Power Group now has available a complete set of slides with explanatory material and supplementary material including membership blanks on how to organize a Power Group Chapter. This complete presentation to give guidance in your organization of a Power Group Chapter can be secured by writing to: Howard C. Brem, Chairman Chapters Committee, Organization Department, IEEE Power Group, c/o Allis-Chalmers, P.O. Box 512, Milwaukee, Wisconsin 53201.

IEEE ELECTIONS AND APPOINTMENTS SCHEDULE.

Board of Directors. Elected by members: President; Vice President; Junior Past President; Senior Past President; Directors-at-Large (6); Regional Directors (8). Elected by annual Assembly: Vice President - Publication Activities; Vice President - Technical Activities; Secretary; Treasurer; Director-at-Large (3); Director, Region 9.

Executive Committee Appointments. Admission and Advancement Committee, Education Committee, History Committee, Membership and Transfers Committee, Professional Relations Committee, Sections Committee, Student Branches Committee, Technical Activities Board (Group Chairmen are members of TAB as elected by the respective Groups).

Board of Directors Appointments. Awards Board, Executive Committee, Fellow Committee, Intersociety Relations Committee, Life Member Fund Committee, Nominations and Appointments Committee, Publications Board, Tellers Committee.

January. Annual Assembly elects 8 Directors. IEEE Secretary to issue reminder notice that February 1 is deadline date for submission of names of candidates to be considered by Nominations and Appointments Committee for the elective offices. Executive Committee appoints Chairmen and members of Committees and Boards. Board of Directors appoints Chairmen and members of Committees and Boards.

February. Names received from call for nominations submitted to the Nominations and Appointments Committee.

March. Nominations and Appointments Committee to submit list of proposed candidates for the elective offices to the Board of Directors in time to fulfill the requirements of Article XII of the Constitution. Board of Directors to approve names of nominees to appear on the ballot.

April. Regional Committees to submit names of nominees for Regional Directors by April 30. These names to be reported to the Board of Directors by memorandum; names to be added to the ballot. Call for nominations issued to Section and Group Chairmen and Secretaries for Standing Committee and Board appointments. Deadline date for submission: June 1. Chairmen of Standing Committees and Boards requested to submit recommendations for Chairmen and members by June 1. (Proposed Chairmen to indicate willingness to serve, if appointed.)

June. Names of nominees to appear on the ballot to be published in the June SPECTRUM, together with deadline date for submitting nominations by petition. (The deadline is the Friday prior to August 15.) Names of candidates for Chairmen of Committees and Boards forwarded to Executive Committee. Candidates for Chairmen forwarded to Nominations and Appointments Committee for review.

July. Nominations and Appointments Committee to submit report to the Board of Directors, recommending appointment of Chairmen of Committees and Boards.

August. Executive Committee to review and recommend appointment of Chairmen of Committees and Boards. Chairmen-elect furnished with all nominations received, and requested to submit recommended slates by October 1. Board to review and recommend appointment of Chairmen of Committees and Boards. Chairmen-elect furnished with all nominations received, and requested to submit recommended slates by October 1.

September. Ballots mailed to voting membership.

October. Only ballots received before 12:00 o'clock noon on the first working day following October 31 shall be counted. Recommendations from Chairmen-elect forwarded to Executive Committee. Recommendations from Chairmen-elect forwarded to Nominations and Appointments Committee. Nominations and Appointments Committee to submit report to the Board of Directors, recommending appointment of members of Committees and Boards.

November. Tellers Committee to report results of the election to the Board of Directors. IEEE Secretary issues call for nominations to be considered by the Nominations and Appointments Committee for the elective offices. Deadline date for submission: January 15. Executive Committee to review and recommend appointment of members of Committees and Boards. Board of Directors to review and recommend appointment of members of Committees and Boards.

December. Nominations and Appointments Committee to recommend candidates to be elected by the annual Assembly.