IEEE

NEWSLETTER



SONICS & ULTRASONICS GROUP

r 28

July 1964

Editor Dr. John E. May, Jr. Bell Telephone Laboratories, Inc. Murray Hill, N.J.

BALLOT ENCLOSED

note that the last page includes a mail ballot for your the constitutional revision.

strative Committee Election

stsult of the mail ballot held in May, the following new ers were elected to the Administrative Committee for three erms ending in 1967:

> Dr. Robert T. Beyer Physics Department Brown University Providence, Rhode Island

Dr. J.J. G. McCue Lincoln Laboratory Lexington, Mass.

John H. Rowen Bell Telephone Labs., Inc. Murray Hill, N.J.

replace the following members whose terms of office expire in 364.

Dr. J.J.G.McJue Robert L. Rod Dr. Robert N. Thurston

maining members of the Administrative Committee, together seir terms of office, are:

Dr. Rudolf Bechmann	1962-65
Dr. John V. Bouyoucos	1963-66
Dr. Hans Jaffe	1962-65
William F. Konig	1962-65
Dr. Thrygue R. Meeker	1963-66
H. E. Van Valkenburg	1963-66

toup is the Same, Only the Name has been Changed

thaven't been watching carefully, you may be wondering what fied to the PGUE. As a result of the merger of IRE and AIEE, 'groups became Professional Technical Groups, and so we be PTGUE. As noted in the last Newsletter, PTGUE was ted by the AdCom to Professional Technical Group on Sonics "ltrasonics in order to better describe the field of interest. 'tly IEEE has decided to drop the term Professional Technical or of the simple title, Group on Sonics and Ultrasonics, or G-SU.

IEEE INTERNATIONAL CONVENTION - CALL FOR PAPERS

The Groups and TOC Technical Committees have been asked to participate directly in the planning of the International Convention to be held March 22-25, 1965 in New York. Dr. Emmanuel P. Papadaki of Bell Telephone Labs., Inc., Allentown, Pennsylvania will represent the G-SU on the Technical Program Committee and will organize the ultrasonics portion of the program.

1965 Ultrasonics Symposium

Chairman Robert L. Rod has announced detailed plans for the 1965 Symposium to be held at the Miramar Hotel in Santa Monica, Calif. October 14, 15, 16 and 17. The Technical Program Committee, with Dr. Allen H. Meitzler as Chairman, has organized a program of 11 technical sessions occupying Wednesday through Friday. The program includes 18 invited papers and 33 contributed papers covering a wide range of topics including medical ultrasonics, ultrasonic delay lines, the application of ultrasonics to internal friction studies, phonon interactions, industrial ultrasonics and ultrasonic amplification Response to this meeting has been so large that both an evening session and parallel sessions have been required to accommodate the large number of high quality papers. A preliminary program, complete with abstracts, is being mailed to all members under separate cover.

The social hour and banquet are scheduled for Thursday evening at the Miramar Hotel. Tours to Marineland and Disneyland are planned for Saturday.

The technical sessions will be open to all with the payment of the registration fee of \$10 for three days, or \$4 for individual days.

Tickets for the banquet will be on sale at the registration desk until the close of the Wednesday afternoon technical sessions.

Requests for additional information should be addressed to the General Chairman, Robert L. Rod, Acoustica Associates, Inc., 5331 West 104th Street, Los Angeles, California, 90045.

Coming Events

October 14-16, 1964
1964 Ultrasonics Symposium, Santa Monica, Calif. 💫 🕢
Robert L. Rod, General Chairman, Acoustica Associates, Inc.
5331 West 104th Street, Los Angeles, Calif. 90045.
October 21-24, 1964
Acoustical Society of America, Austin, Texas.
Dr. C. Paul Boner, The University of Texas, Austin, Texas.
March 22-25, -965
IEEE International Convention, New York City.
Abstracts by October 16, 1964 to:
Dr. E. L. Harder, IEEE Inc., Box A, Lenox Hill Station,
New York, N.Y. 10021
May 5-7, 1965
G-MTT Symposium, Jack Tar Harrison Hotel, Clearwater, Fla.
Abstracts by November 15, 1964 to:

John E. Pippen, Chairman, Technical Program Committee, 1965 G-MTT Symposium, Sperry Microwave Electronics Co., P.O. Box 1828, Clearwater, Fla. June 2-5, 1965 1965 Acoustical Society of America, Washington, D. C. Abstracts by March 3, 1965 to: Gerald J. Franz, Code 063.2, David Taylor Model Basin, Washington, D.C. 20007 September 7-14, 1965 5th International Congress on Acoustics, Liege, Belgium. Abstracts by April 1, 1965 to: 5th Congres International d'Acoustique, 33, rue Saint-Gilles, Liege (Belgium) Fall or Winter 1965 1965 Ultrasonics Symposium, Boston, Mass. David L. Arenberg, General Chairman, Arenberg Ultrasonic Labs., 94 Green Street, Jamaica Plain, Mass. November 3-6, 1965 Acoustical Society of America, St. Louis, Missouri. Chairman, Ira J. Hirsch

A NEW CONSTITUTION

Our Group is operating under a constitution that differs in form and in spirit from the model recommended at present by IEEE. The Institute now favors a brief constitution that only establishes a framework and is difficult to amend, plus extensive bylaws that spell out the methods of operating and that are easy to alter. This principle permits a Group to respond rapidly to changes in the environment in which it functions.

During the past few years, it has become apparent that under a constitution of the modern type, the affairs of the Group could be managed better. The AdCom has therefore drafted a new constitution, which has been approved by the Executive Committee of the IEEE and is now submitted to the membership for ratification. Its overall effects will be(1) to give to the AdCom more discretion in its operations, subject always to correction if the administration is unsatisfactory to the members; (2) to enable ex-officio members to have a larger voice in AdCom decisions, by allowing them to vote. The second point is important, because the experience of recent years has been that the ex-officio members are more active workers than many of the elected members. The reason is, of course, that the ex-officio members are appointed by the Chairman to do or to manage the actual labor of operating the Group, and the Chairman appoints only those that he believes are willing to work; if he finds he has guessed wrong, he makes a new appointment. It seems to me proper that those who do the work should have a voice in the determination of policies.

Absenteeism on the part of elected members has at various times in the past been a serious problem. One could say that no man should stand for election to the AdCom unless he is willing to attend the meetings regularly. However, there are men who represent technical areas or geographical areas or special talents in such a way as to be well worth having on the committee, even though their other responsibilities are so heavy that they cannot attend every meeting. The proposed constitution ensures that at every meeting of the AdCom there will be a vigorous circle of voters, and also that the elected members of the committee can, as now, represent a broad spectrum of interests. Note that the new constitution contains a provision to ensure that the elected members of the Ad Com always outnumber the appointed members. The wheel therefore remains firmly in the hands of the Group membership; what the new constitution offers is power steering.

> J.J.G. McCue Chairman

r



2. Its (acter.] and prac d arts a ional sta stitution aims wi

1. This

Tasonics

3. The change of ishall he iscussion or the nee

defined.

19 g % 1

.

ts of the ssional i

2. Affi wided by cules and d by the

<u>1.</u> The as, inclu 2. The

dor shif e provisi ment to t

<u>n 1.</u> The sment or ible rule ibed in t

b2. The imeetings ition fee E memb

13. The ertising, ding out are cons not encr lions. A tules and er, befor

Past Cha

Orig. Const. app. 6/24/54 Amended: 6/26/58 Revised: 5/7/64

REVISED CONSTITUTION FOR

IEEE SONICS & ULTRASONICS GROUP

Article I Name and Object

This organization shall be known as the IEEE Sonics Tesonics Group.

Its objects shall be scientific, literary, and educational iter. The Group shall strive for the advancement of the ad practice of electrical and electronic engineering and of d arts and sciences, and the maintenance of a high onal standing among its members, all in consonance with stitution and Bylaws of the IEEE and with special attention aims within the field of interest of the Group as are herejefined.

. The Group shall aid in promoting close cooperation range of technical information among its members and to shall hold meetings for the presentation of papers and scussion, and through its committees shall study and prothe needs of its members.

Article II Membership

1. Membership in the Group shall be available only to 75 of the IEEE in any grade, including students, having ssional interest in any phase of Sonics.

2. Affiliates may participate in the Group activities, ided by the IEEE bylaws and subject to the applicable ales and regulations and any additional limitations by the Group bylaws.

Article III Field of Interest

1. The field of interest of the Group shall be confined is, including ultrasonics and phonon technology.

2. The field of interest of the Group may be enlarged, for shifted moderately as the needs of the occasion indicate provision that such revision shall be processed as an ment to this constitution.

Article IV Financial Support

1. The Group shall collect from its members an annual ment or fee, in accordance with the IEEE bylaws and the rules and regulations. The amount of the fee shall be thed in the bylaws.

2. The Group may make registration charges at its meetings, symposia, conferences, and conventions. The ation fee for non-members of the IEEE may be higher than E members.

3. The Group may raise revenues by other means, such "rtising, shows, requests for contributions, and charges bing out notices to non-Group members, provided such are consistent with applicable IEEE rules and regulations, not encroach on revenue fields of prior established groups lions. Any new revenue means not explicitly covered by "ules and regulations must be approved by the General tr, before being adopted by the Group.

Article V Organization

1. The Group shall be managed by an Administrative Comconsisting of 9 elected members-at-large plus not more Past Chairmen as members ex-officio and not more than 7 non-

3

elected ex-officio members as prescribed in the bylaws. Section 2. The terms of the 9 members-at-large of the Administrative Committee shall be for three years, 3 members to be elected each year. Only two consecutive terms are permitted, but eligibility is restored after a lapse of one year.

Section 3. The Administrative Committee shall annually elect a Chairman and a Vice-Chairman, and the terms of office shall be for one year or until their successors take office. A Secretary-Treasurer shall be appointed annually by the Chairman for a oneyear term, which officer need not be a member of the Administrative Committee; he may be reappointed indefinitely.

Section 4. The Chairman shall supervise the affairs of the Group, as directed by the Ad Com and in accordance with his powers and duties as defined hereunder and in the bylaws. In the Chairman's absence or incapacity, his duties shall be performed by the Vice-Chairman.

Section 5. The Administrative Committee may utilize the services of Headquarters as bursar, for all or part of the Group funds, as provided by the IEEE bylaws and rules and regulations. If any part of the Group funds are received and deposited separately, the terms and conditions shall be in accordance with IEEE policies and subject to the provisions of the Group bylaws and to any special limitations imposed by the Ad Com.

Section 6. The duties and responsibility of the officers shall be as defined hereunder and in the bylaws and as delineated by the Administrative Committee.

Section 7. The Chairman, as soon as expedient after election, shall appoint the standing committees provided by the bylaws. Other special or ad hoc committees may be authorized by vote of the Administrative Committee and shall be appointed by the Chairman. Committee members thus appointed shall serve until their successors are appointed or the committee dissolved.

Section 8. The Chairman shall be an ex-officio member of all committees of the Group. He is an ex-officio member of the IEEE Groups Committee and when notified of a meeting of said Committee, he shall insure representation of the Group at such meeting by himself, or by an alternate. If an alternate can not be found, the Chairman shall present the views of the Group by a letter of proxy.

Section 9. Newly elected Chairman, Vice-Chairman, and members of the Administrative Committee shall assume office on a date soon after the annual meeting as provided in the bylaws.

Article VI

Nomination and Election of Administrative Committee

Section 1. The nominating procedure shall include provision for petition by Group members to place a name on the ballot.

Section 2. Election of the 9 members-at-large of the Administrative Committee shall be as prescribed in the bylaws.

Section 3. Within-term vacancies on the Administrative Committee shall be filled by appointments, for the unexpired terms, by the remainder of the Committee.

Article VII Meetings

Section 1. The Group may hold meetings, conferences, symposia, or conventions either alone or in cooperation with Sectional, Regional, or National Convention Committees of the IEEE, or other technical organizations, subject to IEEE rules and regulations. The Group shall sponsor at least one technical conference of national scope each year, which may be held during the International Convention, or during some other IEEE meeting, or as a separate conference.

Section 2. Conferences or sessions on governmentally classified material should, as a matter of principle, be avoided.

Section 3. The Administrative Committee shall hold an Annual Meeting during or closely adjacent to the IEEE International

Convention. Other meetings of the Administrative Committee shall be held at such times as are found necessary and/or con-' venient. Special meetings of the committee may be called by the Chairman of the Group at his own discretion or upon request of three other members of the Committee.

Five members of the Administrative Committee Section 4. shall constitute a quorum. All members, including members ex-officio, shall have an equal vote.

A majority vote of those members of the Admin-Section 5. istrative Committee attending a meeting shall be necessary for the conduct of its business except as otherwise provided in this constitution.

Article VIII Amendments

Amendments to this constitution may be initiated Section 1. by petition submitted by twenty-five members of the Group, or by the Administrative Committee, such proposal being submitted to the IEEE Groups Committee, and to the Executive Committee of the IEEE for approval. After such approval, the proposed amendment shall be publicized in the Group Transactions or Newsletter, with notice that it goes into effect unless ten percent of the Group members object within 30 days of mailing the publication. If such objections are received, a copy of the proposed amendment shall be mailed with a ballot to all members of the Group at least 30 days before the date appointed for return of the ballots, and the ballots shall carry a statement of the time limit for their return to the IEEE office. When a mail vote of the entire Group membership is made necessary, approval of the amendment by at least two-thirds of the ballots returned shall be necessary for its enactment.

Section 2. Suitable bylaws, and amendments thereto, may be adopted by a two-thirds vote of the Administrative Committee in meeting assembled, provided that notice of the proposed bylaw, or amendment, has been sent to each member of the Administrative littee at least a week prior to such meeting; or a bylaw, or C/ iment, may be adopted by a two-thirds mail vote of the memar bers of the Administrative Committee provided a 30-day period is provided for such responses. In either event, the proposed bylaw or amendment shall be published in the Group Transactions or Newsletter. No bylaw, or amendment, shall take effect until it has been published and has been mailed to the Groups Secretary of the IEEE, and he has obtained approval of the General Manager.

Article IX Publications

Section 1. Publications undertaken by the Group shall be subject to IEEE policies and to any further guidance or controls prescribed by the Administrative Committee or its duly appointed committees. The Group shall be responsible for the financial aspects of its publication program.

The Chairman, with the advice and consent of the Section 2. Administrative Committee shall appoint such editors as may be required to implement the publication program. The duties of an editor, and his compensation, if any, shall be as prescribed in the bylaws.

Original Bylaws approved 1. Award 6-24-Meeti Amended 2. 3-56 Revised 5-7. Membe 3.

IEEE SONICS AND ULTRASONICS GROUP

REVISED BYLAWS

s shall be Special o

The terms

mch case,

1. These Bylaws provide detailed guidance for the supervision and for members management of the G-SU affairs, in accordance with the Group Const for and tion. Amendments may be made by means of the procedures described members if o Article VIII, Section 2. of the Constitution: Article VIII, Section 2, of the Constitution: the Ad Co

Suitable Bylaws, and amendments thereto, may be adopted by a two-thirds vote of the Administrative Committee in meet. Nomination ing assembled, provided that notice of the proposed Reface all be reco ing assembled, provided that notice of the proposed Bylav, or amendment, has been sent to each member of the Adminis, each year j four or i trative Committee at least a week prior to such meeting; members o: or a Bylaw, or amendment, may be adopted by a two-thirds mail vote of the members of the Administrative Committee, provided a 30-day period is provided for such responses. In either event, the proposed Bylaw, or amendment, shall A slate o: jl be prej be published in the Group Transactions or Newsletter. No arrying a Bylaw, or amendment, shall take effect until it has been shall aut shall auto to the Gri published and it has been mailed to the Groups Secretary of the IEEE, and he has obtained approval of the General The elect: Manager.

o-at-large

2. <u>Membership</u>: There shall be only one grade of Group member. The deadl: ship available to all IEEE members, based on the payment of the 0 calendar annual fee prescribed in Bylaw No. 9. (nution, co. adquarters

2.1 Honorary Life Members: Such membership, exempt of the paye taken in (ment of the annual fee, shall be based on the recommendation of be broken) the Awards Committee, the endorsement of the Administrative Com-The Group mittee, and the approval of the General Manager. an of the 1

Affiliates: No societies are recognized for affiliate pur's to insur 2.2 However, affiliates may join in accordance with any other focedures p poses. provision that may be incorporated in the IEEE rules and regulatic In the pre

Students: An exception to the annual fee shall be made for considerat 2.3 chnical int students, as prescribed by IEEE rules and regulations.

Special Provisions: Any affiliates of the Group on July 1, Officers: may continue even though their respective attainment of such lect a Che 2.1 1961 affiliation was by a means other than as defined above. The term c

Administrative Committee: Article V, Section 1, of the Couse of old 3. tution provides that the Ad Com shall consist of 9 elected membersed to a se large plus ex-officio members. Article VII, Section 4, provides urs, he sha a quorum shall be five members, without distinction between the mp until a 1 bers-at-large and the ex-officio members, and that all members she more than a lapse of have an equal vote.

The following shall be ex-officio members if they are not The Secret 3.1 elected members-at-large (in any case, each shall have only one we meetify whe (a) The retiring Ad Com Chairman for a period of three years may be

- if when holding office as Chairman this member was a elected member of the Ad Com, he shall be counted as All office elected member during his term as member ex-officio.4
- (b) The Chairmen of certain standing committees designated The Chairm the elected members at large of the Ad Com. for the Gro
- C direct a (c) The Secretary-Treasurer. ver. and th

3.2 Unless otherwise provided, a majority vote of the members # tending an Ad Com meeting shall be sufficient for the conduct of i The Vice-C Hty. business.

Business of the Administrative Committee may be handled by The Secret 3.3 respondence, telephone, or telegraph where in the opinion of the Q' the Admi man matters requiring action can be adequately handled in that many, notices, A majority vote of the members of the Committee is necessary for and the proval of actions handled by mail, telephone, or telegraph, unless Dications: otherwise provided. he Chairma

Chapters are a sub-group organized on a geograph the editor Chapters: This subject is fully treated in the IEEE Bylaws and the G basis. and Section Manuals. lern of Of:

Agree sent 1

Standing Committees: Standing Committees shall be appointed at by the the Group Chairman, with the advice and consent of the Ad Com. It be discretionary with the Group Chairman to appoint any part or all the editor any standing committee, or to appoint the Chairman only of a committee ings as and request the latter to appoint additional committee members. Standing Committees shall be:

1

oved 16-24 1. ded 3-26 2. sed 5-1 3.

Awards Meetings and Papers Membership

4. Newsletter Transactions 5. West Coast

the terms of office of the chairmen and members of standing comshall be for one year or until a successor is appointed.

special or ad hoc committees may be created by the Ad Com. For ch case, the Ad Com shall specify if the Chairman is to be an cio member of the Ad Com, the number of members the committee rvision to member of the Ad Com, the number of members are to be selected, and the terms of roup Compared and the members are to be selected, and the terms of the term for the than for the life of the committee. Special or described committees shall be automatically dissolved after two years the to be a term an expiration date. the Ad Com sets an expiration date. 1.00

adopted by Komination and Election of the Ad Com: The Nominations Commits in met. sed Bylar, I be reconstituted by the Group Chairman on or before November reach year. The Nominations Committee shall consist of a chairfour or more members of the Group, not more than half of which meeting; nembers of the Ad Com.

muittee, i slate of nominees for members-at-large vacancies of the Ad it, shall be prepared by the Nominations Committee. A nominating peti-tter. We arrying a minimum of 25 names of Group members, excluding stushall automatically place its nominee on the slate to be preare been to the Group membership.

General

General the election to fill forthcoming vacancies of the Ad Com mem-aucount of the ballot to the entire Group member-mp member The deadline for the return of the ballots shall be not less t of the valendar days after the actual date of mailing of the ballots. Auton, collection, and counting of ballots shall be done by sadquarters. Election shall be based on the highest number of

of the pay taken in descending order until all vacancies are filled. Ties ive Com-

into oroup chairman each year shall issue instructions to the an of the Nominations Committee, the Secretary, and IEEE Head-liste puts to insure an orderly progression and completion of the elec-any other pocedures prior to March 1.

i regulatie In the preparation of the slate of nominees and in the election, be made for consideration shall be given to both geographical representation chnical interests.

Officers: The Administrative Committee at its annual meeting on J ant of such lect a Chairman and a Vice-Chairman.

The term of elected officers shall be one year, commencing at of the Compse of old business at the annual meeting. The chairman may be ted members ed to a second term of one year. Whether he serves for one or provides wars, he shall not again be eligible for election to the chairween the me until a lapse of three years. A Vice-Chairman may hold office members she more than three consecutive years. Eligibility is restored " lapse of one year.

are not The Secretary-Treasurer shall be appointed by the Chairman, who nly one we pecify when the one-year term is to commence. The Secretarythree yes ar may be reappointed.

mber was at

counted as All officers shall continue to serve until their successors take x-officio.4

designated The Chairman shall supervise the affairs of the Group and shall for the Group on all matters not specifically delegated to others.

Al direct a Finance Committee consisting of himself, the Secretaryter, and the Transactions Editor.

members at

members ... nduct of 1% The Vice-Chairman shall serve for the Chairman in his absence or vity.

andled by The Secretary-Treasurer shall be responsible for keeping the re-n of the C ³⁷ the Administrative Committee. He shall prepare and distribute n that man , notices, or such other documents as may be required by the sary for a and the Ad Com.

oh, unless

<u>lications:</u> The Group shall publish a <u>Transactions</u> & a Newslet-the Chairman, with the advice and consent of the Ad Com, shall geographit the editor for each publication.

and the Ort

appointed by the Chairman, with the advice and consent of the Ad Com. -t i Cow

art 1 The editor of the Transactions shall be an ex-officio member of a commit Meetings and Papers, Transactions, and Special Finance Commitmbers. In

The editor shall be responsible for implementing the publica-8.3 tion program defined by the Transactions Committee. In accordance with the guidance of this committee and general IEEE rules and regulations, he shall designate associate editors, special guest editors, and manuscript reviewers.

Editorial expenses shall be subject to review and approval by the Finance Committee which is explicitly responsible for adherence to the annual publication budget.

8.5 The Newsletter editor shall have the status of a Chairman of a standing committee.

9. <u>Group Funds</u>: The Group may raise funds as specified in Arti-ale IV of the Constitution and in the IEEE bylaws and rules and regulations.

9.1 The annual Group fee shall be \$3.00.

9.2 IEE Headquarters shall act as bursar for all Group funds except as specified hereunder. Billings and receipt of the annual fee shall be via the IEEE Membership and Fiscal Departments. All other fiscal affairs shall be handled through the office of the Groups Secretary.

The general committee for a symposium or technical conference 9.3 may, with the advice and consent of the Ad Com, authorize the symposium treasurer or fiscal officer to open an account to be used for the deposit and disbursement of funds related to the symposium. In each case, the Ad Com shall be advised of the name of the bank, the anticipated size of the account, the names of the account signatories, and of arrangements of insurance and for bonding.

For other special circumstances, such as co-sponsorship of a symposium, the Ad Com shall make prudent arrangements to safeguard the Group funds that may be involved.

10. Group Business: The Chairman and officers shall conduct the Group affairs subject to the advice and consent of the Ad Com, except where other authorization is specified.

10.1 No Ad Com meetings shall be held for the purpose of transacting business unless each member shall have been sent notice of the time and place of such meeting ten days prior to the scheduled date of the meeting. Provided, however, that if less than a quorum attend a duly called meeting, tentative actions may be taken which will become effective upon subsequent ratification, either at a meeting or by mail by a sufficient number of members as to constitute a majority. Minutes of such meetings shall be mailed by the Secretary to each Committee member who shall register his disapproval of any actions taken at such meetings, within ten days after receiving said minutes, or he shall be deemed to have ratified.

10.2 The order of business at the annual meeting of the Administrative Committee shall be:

- 1. Roll call
- 2. Reading of minutes of previous Annual Meeting
- 3. Reading of report on business transacted other than at meeting Reading of Communications
- 4.
- Report of Officers 5.
- Report of Committees 6.
- Unfinished Business 7.
- Elections to Administrative Committee for succeeding 8. year, Chairman, and Vice-Chairman
- 9. New Business
- 10. Adjournment

11. Duties of Standing Committees: Duties of the Standing Commit-tees are as follows: п.

11.1 <u>Awards Committee</u>: This Committee is charged with the respon-sibility of (a) selecting candidates for IEEE Awards, as and when re-quested by Headquarters, (b) selecting recipients for the SU Group in accordance with the applicable award rules as approved by the Ad-ministrative Committee. The Awards Committee shall make nominations, when appropriate, for any special honors, such as life membership in the Group. The Committee at its discretion may determine that no candidate, one candidate, or more than one candidate shall be submitted for any IEEE Award and so report to the Chairman and to Headquarters. The Committee shall be responsible for ascertaining that each candidate so selected does, in fact, meet the requirements for the Award and in the committee's judgment represents the best candidate available from G-SU. The committee's decision is final in all cases.

11.2 <u>Meetings and Papers Committee</u>: This Committee shall be responsible for the encouragement of the authorship of papers in the field of interest of this Group and of the arrangement for these papers to be reviewed and, if suitable, scheduled to be presented in a technical session of a national or regional meeting or at a special technical conference of this or another Group or society.

1' <u>Membership Committee:</u> The duties of this committee shall inc. encouraging membership in the Group by all members of the IEEE who are interested in the field of interest of the Group.

11.4. <u>Transactions Committee</u>: This Committee shall have the duty of handling publication matters for the Group including co-operating with the Editorial Department of the IEEE in the form of reading papers proposed for publication in the IEEE Spectrum and Proceedings, recommending papers in the Group field of interest for IEEE publication, or arranging for handling by the Editorial Department of publications to be made at the risk and expense of the Group.

Please cut out and mail to:

Mrs. Gene B. Bond Assistant, IEEE Groups Box A Lennox Hill Station New York 21, New York 10021

BALLOT

I $\begin{cases} do & not \\ do \end{cases}$ approve the revised G-SU constitution as published in the Newsletter, No. 28, July 1964.

Signature

Comments:

 2^{4} e

1. ⁶ 5 : 6 : 5 : 7 : 6 :

171