

RECEIVED

OCT 25 1977

OCTOBER 1977

ELECTRICAL ENGINEERING®

Field Services

NUMBER

72

IEEE OFFERS RECOMMENDATIONS TO OMB

The Federal Office of Management and Budget (OMB) has solicited inputs from engineering societies for the reorganization of the Federal government in general and its computer-related groups in particular. The IEEE decided to provide its input through the American Federation of Information Processing Societies (AFIPS), of which IEEE is a member. The AFIPS panel, chaired by Division V Director Stephen Yau and including IEEE Staff Director N. D. Pundit (N. P. Dwivedi), presented its final recommendations to OMB at a meeting on September 11 with OMB's Walter Haase. OMB responded with appreciation and interest during the 90-minute session. Considering that it has received over 800 papers to date, the attention paid indicates that OMB attaches particular significance to AFIPS and IEEE recommendations. The panel will continue to work with OMB in making future recommendations.

TRANSNATIONAL TECHNICAL EXCHANGES TO BE EXPANDED

IEEE President Robert M. Saunders and Jerry Sevick, Chairman of TAB Transnational Relations Committee, had a meaningful discussion with the National Science Foundation (NSF) during which the Foundation recommended that

IEEE -- AN ETHICS PIONEER?

The USAB Ethics Task Force has developed an ethics implementation procedure that, if approved, would place the Institute in a unique and pioneering position in regard to the upholding of standards of ethical conduct. An explanation of the procedure, which will be proposed to the Board at its November meeting, for approval, and an outline of how the procedure would be implemented, appear as an insert on pages 2D-2F of this issue.

IEEE expand its technical exchanges with countries other than the Soviet Union and the People's Republic of China. IEEE is in a favorable funding position with NSF because of the highly technical caliber of its exchanges.

TAB NEWS

The Computer Society has come out against the new Board of Directors' policy on professional registration. After a long discussion at its September 9 Governing Board meeting, the Society passed a resolution requesting the Board to withdraw the current version of Policy 7.3 on professional registration. The resolution further asks the Board to revert to its prior policy to encourage further studies and Institute-wide

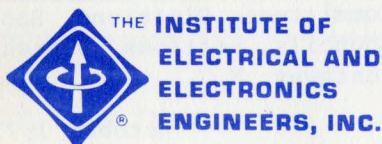
(continued p. 2, col. 1)

Dear IEEE Officer . . . and EE reader, We need your help. You probably know that Headquarters staff is constantly reviewing the cost-effectiveness of IEEE's member services. These reviews have become especially vital because of the inflationary climate in which IEEE must operate.

The latest subject for review is this newsletter. Electrical Engineering has, for 12 years, brought IEEE news to a special audience: you, the 3700 volunteer officers and staff of IEEE. But with the advent of

The Institute, the new tabloid news supplement to IEEE Spectrum, a concerted effort is being made to bring more Institute news than ever not only to IEEE's officers but to the entire membership. One result has been some duplication in coverage of IEEE events and activities. The question thus arises: Is EE in its present form cost-efficient? Only you can assist us in answering this question. Please fill out and return the questionnaire on page 2A of this issue.

Editor, Electrical Engineering



A management newsletter on IEEE operations . . . to encourage communication among all organizational entities and the staff . . . **ELECTRICAL ENGINEERING** is published bimonthly by IEEE,
345 East 47 Street, New York, N.Y. 10017

(TAB News, cont'd.) discussions of the alternative roles IEEE might play in support of the agreed-upon goal of professional quality control. Similar sentiments have been expressed by other entities of TAB. (See October Spectrum on the state of the law in registration; also, October The Institute, debate between TAB Chairman Franklin Blecher and USAB Chairman John Guarrera.)

The U.S.S.R. Popov Society delegation, headed by its Chairman, Dr. Siforov, and accompanied by Drs. Petrov and Maljarsky, visited the COMPCON Fall 1977 conference in Washington September 6-9, where they were hosted by the IEEE Computer Society. The delegation was received at the airport by Computer Society President Merlin G. Smith, Treasurer Martha Sloan, and Neil Pundit and Audrey van Dort of IEEE Headquarters. During a luncheon in honor of the Popov delegation, IEEE President Saunders presented Dr. Siforov with a plaque commemorating the 20th anniversary of Sputnik.

The Power Engineering Society wants to change the composition of USAB. At its July meeting, the Society made the recommendation to ask all United States Division Directors to be members of USAB, as opposed to the current representation of only three Division Directors. In an informal survey, TAB has found that a majority favor this change, although some strong opposition has been raised to the effect that if the change is approved, USAB will become a mini BoD. This will be a topic for discussion at the next TAB meeting in November.

The Staff Director of Technical Activities, N. P. Dwivedi, has officially changed his name to Neil D. Pundit.

In its Open Order Plan Subscription (OOPS), effective January 1978, TAB will offer selectivity in conference publication subscriptions by providing eight categories. Categories one through seven are along Division lines, indicative of the subject matter of the conference, with an additional category for Regional conferences and general topics. Subscribers may choose any combination of these categories. This additional selectivity will enable even small libraries to avail themselves of books, and, according to Dr. Pundit, the new plan will afford greater

E.E. is sent without cost beyond dues to officers of IEEE Boards, Committees, Divisions, Societies, Groups, Technical Councils, Conferences, Regions, Regional Councils, Sections, Subsections, Chapters, and Branches. Second-class postage is paid at Piscataway, N.J.

information dissemination in addition to being financially attractive.

IEEE JEWELRY

Members of the IEEE's "professional fraternity" of engineers are entitled to wear the IEEE emblem in the form of a label/tie-tac pin or gold-filled tie bar. Both pins and tie bars have polished emblems in contrasting colors. Distinguished Life Member, Group/Society President, and Section Chairman pins and tie bars are also available. The IEEE emblem also is mounted on a ring, with the emblem in relief. The ring varies in color according to status. For order information, see the insert on pp. 2M-2N of this issue.

CALL FOR NOMINATIONS

Candidate nominations are being solicited by the Nominations and Appointments Committee for the elective offices of President and Executive Vice President for 1979. Individual members and all IEEE organizational units are urged to respond. Recommendation forms are available from the Secretary of the Nominations and Appointments Committee at Headquarters. The receipt deadline is January 1, 1978.

Recommendations are also solicited for appointments to the following Standing Committees and Boards for 1979: Awards Board, Admission and Advancement Committee, Educational Activities Board, Fellow Committee, History Committee, Life Member Fund Committee, Long Range Planning Committee, Nominations and Appointments Committee, Public Relations Committee, Publications Board, Tellers Committee. The composition and responsibilities of these Committees and Boards are described in the IEEE Bylaws. April 1, 1978, is the deadline for receipt of these recommendations. Again, recommendation forms may be obtained from the Committee Secretary at Headquarters.

New Fellow nomination kits for 1979 are now available upon request to the Staff Secretary of the Fellow Committee at Headquarters. The kits include detailed guidelines to assist the nominator in the effective preparation of the nomination form. Nominators are urged to read the instructions carefully and to note the deadline dates.

All organizational units are encouraged to submit nominations to candidates considered qualified for elevation to the Fellow grade. There is an order form for nomination kits on page 2G of this issue.



Contact: Please return to Editor,
Electrical Engineering
345 East 47th Street
New York, NY 10017

Reader Survey

I. How you use Electrical Engineering. (Please check the appropriate box or boxes.)

A. I generally read:

- the entire issue. the news sections relating to my particular office (i.e., TAB news, USAB news, RAB news, EAB news, PUB news)
- the wrap-around "body".
- the inserts. the inserts relating to my particular office.
- the front page story.

B. I generally do not read EE.

C. I used to read more of EE until The Institute began to cover subjects of interest.

II. Your opinion of Electrical Engineering.

A. EE's news coverage is generally:

- Excellent Satisfactory Fair Less than Satisfactory Poor

B. EE's inserts are for the most part:

- Excellent Satisfactory Fair Less than Satisfactory Poor

C. My present view is that IEEE should publish:

- EE only The Institute only Both EE and The Institute I'm not sure

D. Do you feel that EE is worth the approximately \$15,000 annual allocation for its publication? _____ (yes, or no)

III. What services EE should provide. (check the services you feel to be useful)

- Reporting Institute news, such as meetings, hearings, new appointments.
- Profiles of Institute functions, committees, officers.
- Announcements of upcoming events, meetings, conferences, courses, awards, publications.
- Updates of the major activities of the various Boards and Committees.
- Reminders of responsibilities and key dates in your functional area.
- Inserts.
- Other. (Specify) _____

IV. Comments.

A. If you circulate EE or its information among your constituents, please explain how and what you circulate. _____

B. If you wish to express some views that do not relate to the specific questions above,

please do so here. _____

C. Do you feel EE coverage of items is too brief or too lengthy, or do you have other comments about its format? _____

V. Respondent profile (Please check the appropriate box)

A. I am presently a:

- | | |
|--|---|
| <input type="checkbox"/> Regional officer | <input type="checkbox"/> IEEE Committee officer |
| <input type="checkbox"/> Section officer | <input type="checkbox"/> IEEE Board member |
| <input type="checkbox"/> Divisional officer | <input type="checkbox"/> Newsletter editor |
| <input type="checkbox"/> Group/Society officer | <input type="checkbox"/> Student branch officer |
| <input type="checkbox"/> Chapter officer | <input type="checkbox"/> Council officer |
| <input type="checkbox"/> Other _____ | |

B. I have been receiving EE for:

- One year
 Two years
 Three years
 Four or more years

Name _____ IEEE title _____

Mailing address _____

City _____ State _____ Zip _____

Telephone No. _____

Please return to:

Electrical Engineering, Attn: The Editor, 345 East 47th Street,
New York, N.Y. 10017



Contact: Leo C. Fanning
W. Thomas Suttle

United States Activities Board

MEMORANDUM

TO: United States Section Chairmen

SUBJECT: USAB Project No. 4022 "Employer Cooperation in Career Maintenance and Development"

All U.S. Sections are being asked to implement the following policy adopted by the Board of Directors:

"It shall be Institute Policy that all IEEE activities involving employer-employee relationships in their activities and programs should solicit the views and cooperation of employers of engineers as well as of employees. One method of implementing this policy would be for each Section to establish an 'Employer Advisory Committee' consisting of representatives of local employers of engineers. Reports of such committee activities should be transmitted via the Section to the Regional Director for dissemination to USAB and other Institute bodies."

We suggest you contact some of the major employers of engineers in your area and ask them to send a representative (need not be an engineer) to an organizing meeting of an Employer Advisory Committee. The purpose of this committee is to advise the Section officers and Executive Committee on IEEE matters involving employers, particularly as to Career Development. Subjects that you might discuss are:

Continuing Education Programs
IEEE Short Courses
Tuition Plans
Sabbatical Leave for Educational Purposes
Incentives for Educational Achievement
Correlation between Job Assignment and Career Development
IEEE Validation Program

Such meetings should foster the exchange of ideas concerning career development and seek ways of matching the content and processes of IEEE programs as closely as possible to what employees as well as employers consider important. The inputs from the Employer Advisory Committee should be transmitted to your Regional Director.

We believe you will find industry representatives cooperative if they understand the purpose of the committee. Please advise when this committee is established.

Proposed Ethics Implementation Procedures

The IEEE has commenced action which if approved will lead the Institute to a unique and pioneering position with respect to adherence to high standards of ethical conduct. The Institute has adopted, as a primary objective, the establishment of procedures and mechanisms for supporting IEEE members who abide by the Code of Ethics and for taking appropriate action against those who violate the Code. If implemented, this would place the IEEE in an unusual position regarding the upholding of high ethical standards because few, if any, organizations have mechanisms for support of a member who has run into employment difficulties because of adherence to a Code of Ethics.

The IEEE and its predecessor societies have subscribed to a Code of Ethics since 1912; however, over this period of time little attention has been given to the administration of the Code. With the advent of the USAB, the IEEE found a new awareness for the professional needs of its membership. In its efforts at enhancement of the profession and of fulfilling the needs of engineering professionals, the USAB recommended to the IEEE Board of Directors that a revised Code of Ethics be adopted to provide a more effective framework for the establishment of procedures for dealing with matters of ethical conduct.

In this context, the new policy statement on Ethics was submitted by USAB, and approved by the IEEE Board of Directors on September 23, 1976 (see EE No. 63 -- 2G, April 1976). The approved IEEE Policy Statement on Involvement in Matters of Ethical Conduct stated:

A. Infractions of the Institute's Code of Ethics by members, when reported to and investigated and evaluated by the Board of Directors, or its designated representative, are subject to appropriate action by the Institute's Board of Directors, on the basis of procedures established by that body.

B. Members who are placed in jeopardy as a consequence of adherence to the Institute's Code of Ethics may be offered assistance, provided that, in the opinion of the Board of Directors, or its designated representative, such assistance is warranted.

The USAB Task Force accepted this mandate from the IEEE Board of Directors and commenced to formalize procedures for accomplishing both of the proposals (A & B). The Task Force consequently developed the mechanisms to accomplish the goals (see inserts) and prepared them for presentation to the IEEE Board of Directors.

Dr. Stephen Kowel, Chairman, Ethics Task Force, presented the Task Force's proposals to the Board of Directors at its July 1977 meeting. The Board considered the motions and decided that the issues needed further review before action was taken. The Board postponed a decision on the Ethics motions until the November 1977 meeting at which time legal counsel would be available for consultation and at which time the Ethics proposals would have been sent to RAB, TAB, PUB, and EAB for analysis and comment.

As indicated before, these are pioneering steps for IEEE. Organizations have long been quick to censure or expel a member who breached the Code of Ethics; however, the IEEE will be taking new steps to enhance high standards of ethical conduct by providing a mechanism for support of a member placed in jeopardy because of adherence to the high ethical standards established by IEEE. This is a unique posture and one that takes a much more positive step toward a responsibility to protect the safety, health and welfare of the public and to speak out against abuses in those areas affecting the public interest. The precedent was set when IEEE filed the *amicus curiae* brief in connection with the BART case. In this context, the IEEE can now further enhance its position as a stalwart proponent of adherence to only the highest professional Code of Ethics by approving the implementation procedures proposed by the USAB Task Force.

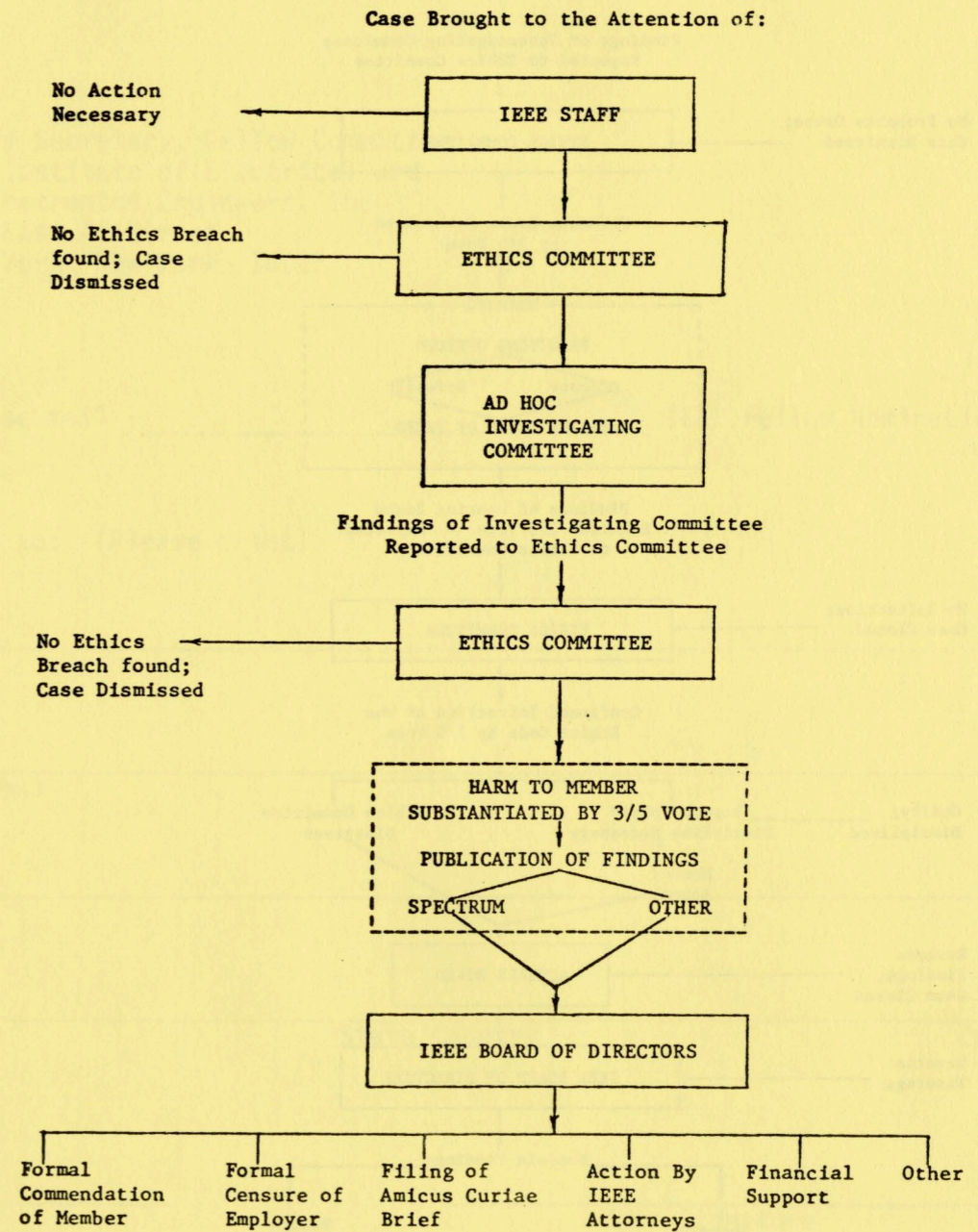


IEEE

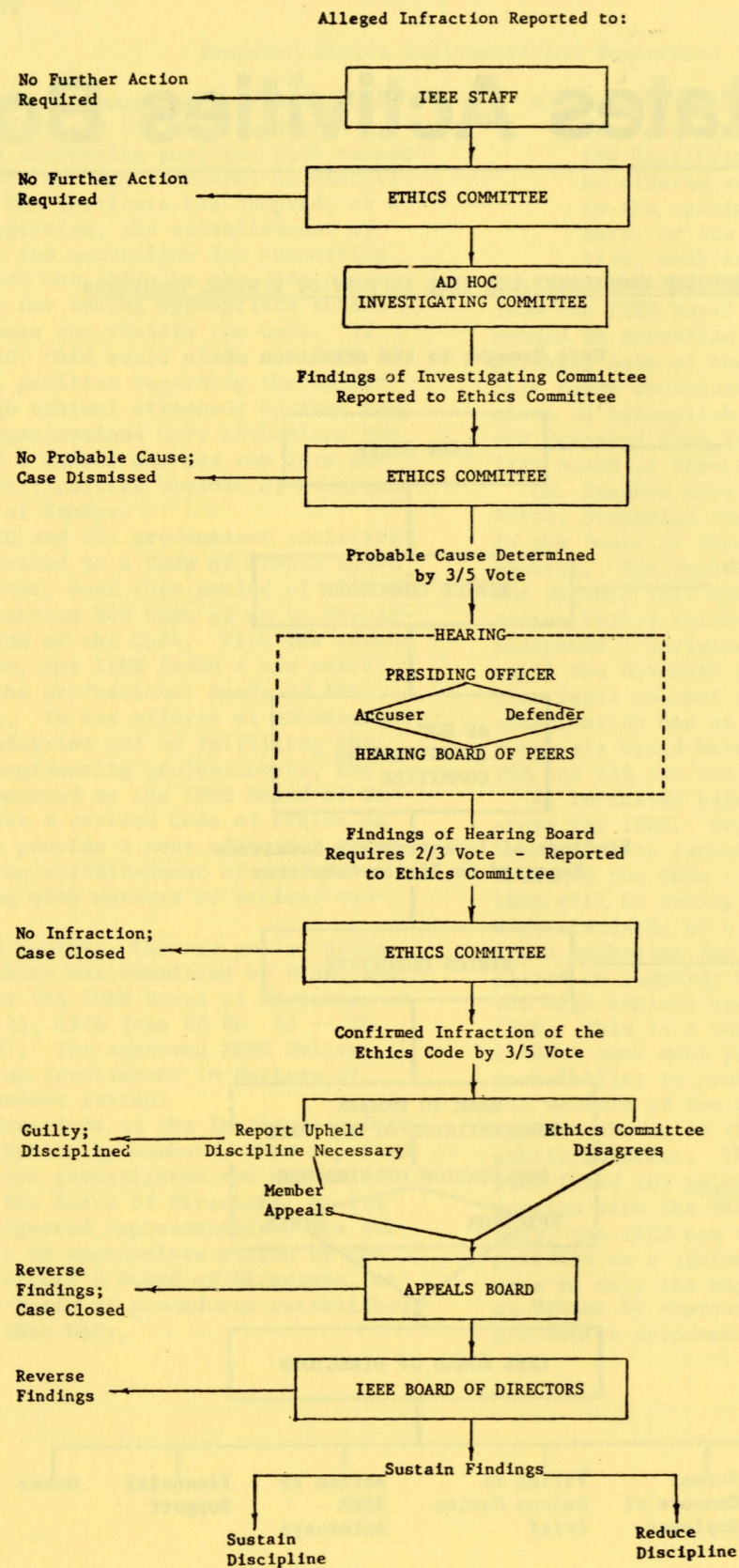
Contact: Leo C. Fanning
W. Thomas Suttle

United States Activities Board

PROPOSED PROCEDURES FOR IEEE SUPPORT OF ETHICAL ENGINEERS



PROPOSED PROCEDURES FOR HANDLING ALLEGED INFRACTIONS OF THE IEEE CODE OF ETHICS



IEEE

Contact: Emily Sirjane

Fellow Committee

ORDER FORM
IEEE FELLOW NOMINATION KITS

Staff Secretary, Fellow Committee
The Institute of Electrical and
Electronics Engineers, Inc.
345 East 47 Street
New York, New York 10017

Please mail _____ IEEE Fellow Nomination Kits.

Ship to: (Please print)

Name _____

Address _____

City _____ State/Country _____ Zip Code _____

Date _____

Your Signature



Publications Board

POLICY STATEMENT ON REQUIREMENTS FOR STARTING NEW PUBLICATIONS

- A. Prior to the initiation of a new publication under the sponsorship or cosponsorship of the IEEE or any of its organizational units, plans for the proposed publication shall be submitted to the IEEE Publications Board for its information and its review, unless the proposed publication is in an exception category specified in Paragraph F.
- B. If the proposed new publication is a periodical or represents a significant new kind of service, the Publications Board will forward the proposal to the Executive Committee, together with its recommendation, for final action. Otherwise, the proposal and the comments of the Publications Board will be reported to the Executive Committee as an information item.
- C. In the case of a publication program involving a continuing series of similar publications, the preceding procedures need be followed only once for the program as a whole rather than repeatedly for each individual publication.
- D. The Staff Director of Publishing Services will be provided information copies of all approved publications.
- E. The intent of this policy is to:
 - 1. Coordinate the publishing activities of the IEEE.
 - 2. Assure adequate standards among all IEEE publications.
 - 3. Make available to entities outside the Publications Board and Publishing Services Department the professional advice and resources of those bodies.
 - 4. Avoid inadvertent duplication and proliferation of publications.
 - 5. Ensure that arrangements made with entities outside IEEE (contractual or otherwise) are in accordance with Institute policy and are not detrimental to the IEEE.
- F. This policy applies to all formal publications designed to disseminate technical, professional or news material to the general IEEE member. Excepted from the above approval procedures are the following:
 - 1. Internal communications, for administration purposes, such as newsletters for committee members.
 - 2. Publications already approved as a class in the IEEE Bylaws (Section 500) and the IEEE Policy and Procedures Manual (Section 600), namely:
 - a) Group/Society newsletters
 - b) Section newsletters
 - c) Group/Society Transactions
 - 3. Publications for which other approval procedures are specified elsewhere in the IEEE Bylaws or Policy and Procedures Manual, namely:
 - a) Conference publications
 - b) Group/Society magazines
 - c) IEEE PRESS books
 - d) Standards

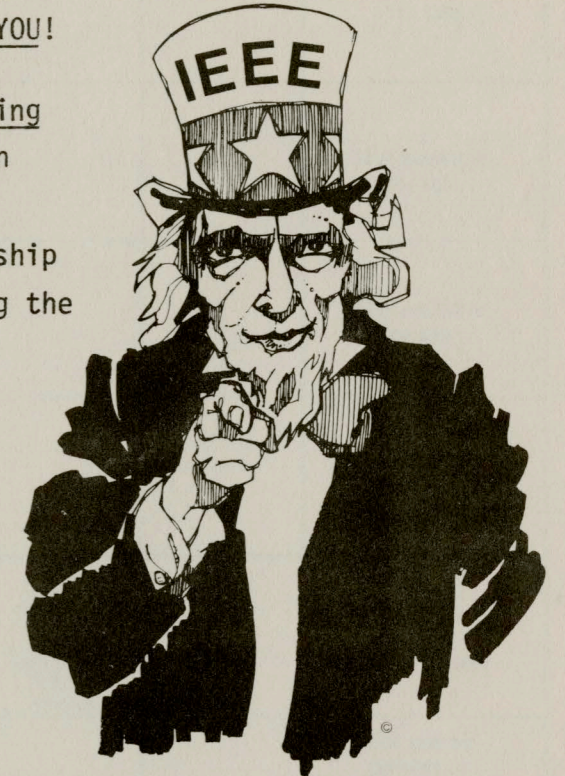


Membership Development Committee

THE MEMBERSHIP DEVELOPMENT COMMITTEE NEEDS YOU!

Many of you who receive Electrical Engineering are currently active in membership promotion efforts. All EE Readers are leaders in the Institute. As an active member in a leadership position, YOU can be instrumental in helping the MD Committees realize their goal of

*"... extending the membership of the IEEE...
and promoting transfers in grade to the end that all members shall occupy the highest grade for which they are qualified."*



Personal contact is the key to recruiting new members. YOUR interaction with non-members is the most effective means of membership promotion.

YOUR interaction with current members will promote member retention. Your personal interest in each individual reflects the Institute's interest.

As a leader, you are familiar with the requirements for upgrading members. YOU should inform members of the opportunities for advancement in grade.

If you need membership brochures and applications for your non-member colleagues or transfer-in-grade forms for a member, write the Field Services Department or contact your local MD Committee Chairman.



IEEE

Institute Pins

(Tie Tacs and Tie Bars)

| FUNCTION | FELLOW GRADE | SENIOR MEMBER GRADE | MEMBER GRADE | ASSOCIATE GRADE | STUDENT GRADE | NOTES |
|--------------------------|---------------------------|--------------------------------|---------------------------------|------------------------|---------------|--|
| IEEE Past President | White Gold | White Dark Blue | | | | Not available for sale |
| IEEE Past Vice President | White Gold | White Dark Blue | | | | Not available for sale |
| IEEE Past Director | White Gold | White Dark Blue | | | | Not available for sale |
| IEEE Director | Gray Gold | Gray Dark Blue | | | | Available from General Manager's Office |
| Life Member | Purple * Gold | Purple * Dark Blue | Purple * Light Blue | Purple * Maroon | | Available from Service Center |
| Society President | Blue-Gray * Gold | Blue-Gray * Dark Blue | Blue-Gray * Light Blue | | | For use by present or past President Available from Service Center |
| Group President | Dark Red * Gold | Dark Red * Dark Blue | Dark Red * Light Blue | | | For use by present or past President Available from Service Center |
| Section Chairman | Medium Blue * Gold | Medium Blue * Dark Blue | Medium Blue * Light Blue | | | For use by present or past Chairman Available from Service Center |
| Subsection Chairman | Medium Blue Gold | Medium Blue Dark Blue | Medium Blue Light Blue | | | For use by present or past Chairman Available from Service Center |
| Membership Grade Pins | White Gold † Gold | Dark Blue † | Light Blue † | Maroon † | Green † | Available from Service Center |

*Also available as a tie bar

†Charm is also available

- Price List -

| IEEE Item No. | TIE TACS (PINS) | Qty. | Unit Price | IEEE Item No. | TIE BARS | Qty. | Unit Price |
|---------------|--------------------------------|------|------------|---------------|---------------------------------------|------|------------|
| MH00034 | Member | | \$6.00 | MH00083 | Member | | \$8.00 |
| MH00026 | Senior Member | | \$6.00 | MH00075 | Senior Member | | \$8.00 |
| MH00042 | Associate | | \$6.00 | MH00091 | Associate | | \$8.00 |
| MH00018 | Fellow | | \$8.00 | MH00067 | Fellow | | \$10.00 |
| MH00059 | Student | | \$3.00 | MH00109 | Student | | \$4.00 |
| MH-0019-0 | SECTION CHAIRMEN Member | | \$8.00 | MH-0022-4 | SECTION CHAIRMEN Member | | \$10.00 |
| MH-0018-2 | Senior Member | | \$8.00 | MH-0021-6 | Senior Member | | \$10.00 |
| MH-0017-4 | Fellow | | \$8.00 | MH-0020-8 | Fellow | | \$10.00 |
| MH-0033-1 | SUB SECTION CHAIRMEN Member | | \$8.00 | | SUB SECTION CHAIRMEN NOT AVAILABLE | | |
| MH-0032-3 | Senior <i>Member</i> | | \$8.00 | | " " | | |
| MH-0031-5 | Fellow | | \$8.00 | | " " | | |
| SPP-M | SOCIETY PRESIDENT Member | | \$8.00 | SPB-M | SOCIETY PRESIDENT Member | | \$10.00 |
| SPP-S | Senior | | \$8.00 | SPB-S | Senior | | \$10.00 |
| SPP-F | Fellow | | \$8.00 | SPB-F | Fellow | | \$10.00 |
| GPP-M | GROUP PRESIDENT Member | | \$8.00 | GPB-M | GROUP PRESIDENT Member | | \$10.00 |
| GPP-S | Senior | | \$8.00 | GPB-S | Senior | | \$10.00 |
| GPP-F | Fellow | | \$8.00 | GPB-F | Fellow | | \$10.00 |
| | LIFE MEMBERS | | | | LIFE MEMBERS | | |
| MH0025-7 | Member | | \$8.00 | MH0029-9 | Member | | \$10.00 |
| MH0024-0 | Senior Member | | \$8.00 | MH0028-1 | Senior Member | | \$10.00 |
| MH0023-2 | Fellow | | \$8.00 | MH0027-3 | Fellow | | \$10.00 |
| MH0026-5 | Associate | | \$8.00 | MH0030-7 | Associate | | \$10.00 |

- Order Form -

(Note: Prepayment is required on each of the items listed)

| | | | | | |
|---------------|-------|----------|---|---------------------------------|----------|
| IEEE Item No. | Item | Quantity | X | Unit Price = \$ | _____ |
| _____ | _____ | _____ | X | = \$ | _____ |
| _____ | _____ | _____ | X | = \$ | _____ |
| _____ | _____ | _____ | X | = \$ | _____ |
| | | | | N.J. residents add 5% sales tax | \$ _____ |
| | | | | Total amount paid with order | \$ _____ |

SHIP TO ADDRESS: (PLEASE PRINT)

Mail Order and payment to:

IEEE SERVICE CENTER
445 Hoes Lane
Piscataway, New Jersey 08854

| | | | |
|----------------|--------------|-----------------|------------|
| Last Name | First | Middle Initial | Member No. |
| _____ | _____ | _____ | _____ |
| Street Address | | | |
| _____ | _____ | _____ | _____ |
| City | State/County | Postal Zip Code | |
| _____ | _____ | _____ | |

USAB NEWS

To stimulate employer cooperation in career maintenance and development, USAB urges all Section Chairmen to participate in its efforts to establish an employer advisory committee. The committee will function locally to promote an interchange between IEEE members and the employers in their areas. It will also advise the Section officers and the IEEE Executive Committee on matters involving employers particularly as to career development. USAB's letter to Section Chairmen soliciting their participation appears as an insert on page 2C of this issue.

U.S. Technological Policy Issues were the subject of the first jointly sponsored TAB/USAB conference held September 28-30 in Arlington, Va. The roster of luminaries who addressed the conference included, among others, Congressmen James Corman and Mike McCormack, Senator Pete Domenici, Frank Press, Science Advisor to the President, and James R. Schlesinger, Secretary of Energy. A Congressional reception and a morning of visits to Capitol Hill were some of the highlights of the three-day gathering. Detailed coverage of the conference will appear in the November issue of The Institute.

A study of patent reform is under consideration by the U.S. Office of Technological Assessment (OTA), and the IEEE has been invited to contribute to the proposed undertaking. The OTA invitation represents another success for USAB in its efforts to have an impact on public policies that affect engineers, and is significant in that it recognizes the IEEE as having expertise in the patent reform area.

Four members of the USAB Patent Task Force, Robert Frank, Harold Fleisher, John C. Stedman, and Fredrick Neumeyer, and the Task Force Chairman, Gerald Parsons, have contributed letters and resumes volunteering to serve as consultants to the OTA study.

Employment Guidelines, in a second edition updating the original 1973 edition, will be published contingent upon an approval vote at the October 14 meeting of the Intersociety Committee for Professional Employment. The IEEE Executive Committee has already approved the edition, which summarizes mutually satisfying relationships between employers and professional employees, and includes new insight into employee-employer responsibilities regarding patents, control of proprietary information, and use of engineering titles.

PUB NEWS

A correction has been made to the insert in August EE, p. 20, "Requirements for Starting New Publications." The item omitted, Group/Society Transactions, falls under the class of publications already approved in the IEEE Bylaws and therefore excepted from the policy. The corrected insert appears on p. 2I.

The Copyright Clearance Center (CCC), which has just been incorporated, will receive the exclusive support of the Publications Board, as voted at the Pub Board's September meeting. Therefore, any organization wishing to do systematic copying of IEEE material should now do so via the CCC. Under the new copyright law, large-scale systematic copying of copyrighted material is forbidden without approval of the copyright holder. At the same time, it is important that systematic copying (i.e., by certain libraries) continue uninterrupted. So that these copiers will not have to make separate arrangements with each copyright holder, the CCC will provide a mechanism whereby participating copyright holders can grant the necessary approval. CCC will also collect from copiers a small copying fee to compensate copyright holders for the loss of subscription revenue that results from large-scale copying.

A special issue of Spectrum, coming in November, will take a close look at the automobile from widely varying viewpoints, both technological and societal. One of the controversial articles in the issue deals with auto safety. Alternate engines and alternate fuels; progress toward a practical electric car; automotive traffic control; the future of the automobile; and other interesting four-wheeled ideas will be explored in this issue.

IEEE Press has announced the publication of "Modern Crystal and Mechanical Filters," edited by Desmond F. Sheahan of GTE Lenkurt and Robert A. Johnson of Collins Commercial Telecommunications Division of Rockwell International. This 464-page volume of 49 reprinted papers, each chosen because of its readability and relevance to the filter user or designer, begins with a tutorial treatment of the subject, followed by papers on mechanical filters and on crystal filters, and concludes with the first extensive bibliography on the subject. The price is \$12.95 for the paperbound member edition; clothbound \$25.95 (\$19.45 for IEEE members), and the book can be ordered postpaid from the IEEE Service Center, 445 Hoes Lane, Piscataway, N.J. 08854. Payment should accompany the order.

(continued on p. 4, col. 1)

(PUB News, cont'd)

High readership and positive responses have been documented by The Institute, the tabloid Institute news supplement to Spectrum, which was launched this August. Close to 4000 reader response cards have been received to date from the first issue.

COMSOC Magazine, the periodical of IEEE's Communications Society has won two awards to add to a growing list. The Certificates of Merit, presented to the IEEE by the Society for Technical Communication, were for the January and November 1976 issues. The magazine won a similar award in 1976.

STANDARDS NEWS

The second edition of the "IEEE Standard Dictionary of Electrical and Electronics Terms" is scheduled for publication before the end of 1977. Typesetting has been completed and copies of the dictionary will be available within the next three months.

Five years in the making, the 1977 edition will have over 20 000 entries. This is 7000 more terms than were included in the 1972 edition, and the new edition will exceed the previous edition by nearly 200 pages. A new feature of the second edition is a listing of 10 000 acronyms and sigla that are in current use in the areas of electrical and electronics science, business, industry, Government, and the military.

STUDENT NEWS

A new Manager of Student Services, Richard M. Aseltine, joined the IEEE staff this August. Mr. Aseltine is a former Chairman of the IEEE Student Branch at the University of Tennessee.

Centerfold inserts

| | |
|--|-------|
| Canary--EE reader survey | 2A-2B |
| Ivory--USAB: memo to Section Chairmen | 2C |
| Ivory--USAB: proposed ethics implementation procedures | 2D-2F |
| Green--Fellow nomination kits--order form | 2G-2H |
| Blue--Pub Board: corrected policy statement | 2I-2J |
| Gray--Membership Development Committee news | 2K-2L |
| Pink--Institute jewelry | 2M-2N |

EAB NEWS

A new workshop will be offered under the aegis of the Educational Activities Board entitled "Career Life Work Planning." The one-day workshop, to be given at 15 different U.S. locations, is designed to help people at all levels to become more effective on the job by setting goals and finding ways to reach those goals. The instructor, John Crystal, has taught under the auspices of many U.S. Government institutions, including the State Department, the Office of Education, NASA, and the Forestry Service. For information on locations, fees, and enrollment, contact Lorraine Castiglia, IEEE Service Center, 445 Hoes Lane, Piscataway, N.J. ; (201) 981-0060, ext. 175.

"Careers in Electrical/Electronics Engineering," a popular precollege guidance brochure, has again been made available. The EAB Career Guidance Committee is offering the brochure to those who participate in guidance activities. It is distributed on an individual basis as well as in bulk quantities. Details may be obtained by writing to or calling the Educational Services Department at Headquarters; (202) 644-7860.

AWARDS

The Piore Award was presented to George R. Stibitz at the COMPCON Fall 1977 meeting in Washington, D.C., by President Saunders. The Piore Award, one of the IEEE Field Awards, is conferred for outstanding achievement in the field of information processing. The citation honored Dr. Stibitz "for pioneering contribution to the development of computers, utilizing binary, and floating-point arithmetic, memory indexing, operation from a remote console, and program-controlled computations."

CHAPTER/SECTION NEWS

The country of Goa was added to the Bombay Section territory.

The Antennas Propagation/Microwave Theory & Techniques Chapter of the Benelux Section was established.

The Power Engineering Chapter of the Santa Clara Valley Section was established.

The Joint Information Theory/Computer/Communications/Control Systems Chapter of the Kitchener-Waterloo Section was established.