

STUDENT BRANCHES DEPT

ELECTRICAL ENGINEERING®

"ELECTRICAL ENGINEERING," (E. E.) salutes newcomers to its readership—added by midyear appointments, chiefly as officers or on operating committees of Sections, Subsections, Chapters, college Branches.

Our heraldic device is the rolled-up shirtsleeve, arm flexed. Our motto: "Watch This!"

SELF-HELP FOR NEOPHYTES. Bimonthly copies of E. E. come to you for the office you hold. Skim them, front to back. Tick off the items you want to see again.

Save 6 issues of E. E., with centerfold pages separately if you wish. We purposely punch for binder. For the benefit of newcomers we repeat some items on an annual basis, seldom oftener. To save breath we refer back.

We do not print what IEEE Spectrum prints, but often refer to its administrative and policy articles. So save 12 issues of Spectrum for E. E. references.

Further to keep items short we often suggest you send for more information. A cryptic "(Information, Jack Kinn)" at the end of a sentence means: "Write or phone Jack Kinn at IEEE, 345 East 47th St., New York, N. Y. 10017; phone (212) 752-6800." (Reminder, footnote on last page of each E. E.; page 4 of each issue of Spectrum.)

MOST INFORMATIVE ARTICLE about current IEEE managerial viewpoint is unquestionably General Manager Don Fink's "Blueprint for Change" in June Spectrum, pp. 38-43. Re-read it, to be prepared for questions from members who saw it but forgot what they saw.

MIDSUMMER TURNOVER takes its toll in superseded personnel—a pool of rare talent not to be ignored when there are exacting future tasks to be performed.

To keep these friends abreast of change and as a token of esteem for past service, E. E. will continue personal mailings from now until a year from now, upon request. (Barbara Brown)

TOP-SIDE DEVELOPMENTS

THE EXECUTIVE COMMITTEE of the IEEE Board of Directors (ExecCom) did not meet in June; and on July 19 met at New York instead of West Coast as originally scheduled (E. E. Feb., p. 2).

CONSTITUTIONAL AMENDMENTS. Voting members will receive Spectrum for August in two parts, of which Part II will be: "New IEEE Constitutional Amendments and You," a BofD-authorized statement on the issues up for voting in September. Read it and encourage others to do so in preparation.

STATUS 501 (C)(3) VS. 501 (C)(6). Hitherto IEEE, under the U. S. Internal Revenue Service Code (IRS) has been, and throughout calendar 1972 at least will probably continue to be, a tax-exempt organization described in section 501 (C)(3). (E. E. Dec. '69, p. 6; Dec. '70, p. 5.)

As such we have been barred from certain professional activities which proposed amendment of the Constitution would in the future permit. On the other hand the (C)(3) classification has worked in the Institute's dollar favor in the matter of certain taxes and postage costs; and in its members' favor by permitting certain deductions for dues, fees, and uncompensated travel expense from federal income taxes (E. E. Dec. '71, p. 8; Feb. '72, p. 7). Furthermore, recognized tax-exempt status has hitherto resulted in certain (now gradually eroding) privileges in New York State and New York City such as exemption from

sales taxes and, importantly, from taxes on occupancy of the United Engineering Center (UEC) (E.E. Feb., p. 3).

If the IEEE Constitution is amended this fall, IRS classification of IEEE will likely be changed to 501 (C)(6), with effects forecast by Fink in Spectrum, June, p. 43, col. 2.

It makes a significant difference to donors of legacies or money to be used to establish awards whether their contributions go to a (C)(3) or a (C)(6) institution. As noted by Fink, if the Institute is classified (C)(6), the IEEE Board of Directors (BofD) plans to set up a separate corporation with (C)(3) status to permit it to receive taxfree contributions and bequests; and is studying additional roles this separate (C)(3) corporation could undertake.

NON-TECHNICAL PARTICIPATION.

IEEE combined with 5 other societies as co-sponsors at the Urban Technology Conference, San Francisco, July, in technical presentations and a lobby panel display in behalf of "400,000 Concerned Engineers."

IEEE's Regional Activities Board (RAB) initiative. . . If we don't tell them they won't know!

Page ad in Spectrum, July, p. 13, and reference in "Spectral Lines," p. 19.

SOCIAL RESPONSIBILITY IN ENGINEERING. As reported in Spectrum, May, p. 11, a petition to form a Group on Social Implications of Technology was considered not only by the Technical Activities Board (TAB) but by high officers of IEEE.

Referred to TAB's Operating Committee (TAB OpCom), an alternative was adopted of forming an ad hoc committee on Social Implications of Technology, without ties to the non-affiliated Committee on Social Responsibility which had initiated the petition. Administratively this ad hoc committee will be tied to TAB but will function in behalf of the entire Institute. Its chairman is IEEE Director and Vice Chairman of TAB, E. A. Wolff.

It is of passing interest to note how sister societies have met the same challenge. The American Society of Mechanical Engineers (ASME) has formed a Technical & Society Division cutting across the lines of other Divisions. American Society of Civil Engineers (ASCE) has formed a Committee on Social and Environmental Concerns in its Construction Division.

SOCIOECONOMICS & PROFESSIONALISM. Director Guarrera, appointed by BofD to coordinate IEEE's programs in these topical areas (E.E. Feb., p. 2), is author of a summary in Spectrum, Aug., p. 8.

Mr. Guarrera is to preside at the keynote session of Electronic & Aerospace Systems convention (EASCON), Washington, Oct. 16, on "Professional Welfare of the Engineer." Vice President Chestnut will participate as a member of a distinguished panel.

NATIONAL SCIENCE POLICY & PRIORITIES ACT. A bill (S. 32), summary of which is reproduced on pp. 4A-4B, has been reported out of committee and goes to the full Senate for vote in August. A companion bill is being processed in House committee.

By Legislative Action Requests, the National Society of Professional Engineers (NSPE) has exhorted all engineers to support enactment of S. 32 when it comes up for vote in the Senate around mid-August and also urged the House Science and Astronautics Committee members to favorably report the measure in that body (HR 15789) so that the House can similarly act on it. NSPE has urged engineers to write to the Senators from their State and the Congressman from their District.

N.B.—Reports of this nature are part of IEEE's new service to members. The title measure is being followed closely by Ralph Clark of IEEE's Washington office. (E.E. Apr., p. 3, June, p. 3).

CONFERENCE WITH INDUSTRIAL LEADERS. President Tanner reported in

Spectrum, July, p. 7, on the St. Charles conference (E.E. Apr., p. 2; June, p. 3) among American industrial leaders and certain officers of ASME and the National Society of Professional Engineers (NSPE), on the role of engineering societies in the engineer/industry interface.

UNEMPLOYMENT. Attention of unemployed members should be directed to the article in July Spectrum, p. 85, on skills conversion: also to the leaflet issued by U. S. Department of Labor, (tipped in between pp. 16-17), directed to employers as well as to those unemployed.

SKILLS INVENTORY. ExecCom has approved a Proposal to the U. S. Department of Labor (DOL) for a technical/professional skills inventory, designed adequately to describe the broad spectrum of skills provided by technicians and engineers, and thus to increase the chances of achievement of a match between skills offered by applicants and skills wanted by employers.

SURVEY OF SALARIES and Fringe Benefits. Thanks to fast cooperation of 48,723 questionnaire-answering IEEE members (E.E. June, p. 1; Spectrum, June, p. 41) detailed computer printout analysis was in hand July 7, about 2 months after ExecCom's May 2 go-ahead—setting some kind of time record for manpower surveys. This 40.2% response of U. S. members is a doubt-dispelling sampling, warranting "a 98% statistical confidence that the broad results being published in August Spectrum, pp. 82-87, are accurate within 1%." Since 48,723/35,333=1.38, there were 38% more members participating than the total who said they would (Spectrum, June, p. 41, Q. 11, affirmative).

Polls are not closed. Computer is programmed to digest further returns, even in August. (Copy of questionnaire, Joe Casey)

ENGINEERING TECHNOLOGY EDUCATION. The American Society for Engineering Education (ASEE) has adopted a "Final Report on Engineering Technology Education" (in which an engineering technologist, or technician, is subprofessional to the engineer).

ExecCom, upon recommendation of the Educational Activities Board (EAB), has approved an IEEE position paper on this report. (Copy, Jack Kinn)

From IEEE viewpoint, "the development of 4-year technology programs will make a profound impact upon engineering education" in the U. S. The Institute supports any "improvement of technician or technology education, to be consistent with our historic: recognition of a special relationship with Students. At the same time, we would regret any wording in the ASEE's Final Report "tending to show the engineering technician as an executor of plans for the engineer, who is the creative individual. . . Creativity. . . can be found at all levels. . ." The engineer may be more science- and math-oriented; the technologist more applications-oriented; but both can be creative.

AWARDS BOARD will have a strong voice in 1973 and subsequent BofDs if a 1972 ExecCom recommendation is adopted, of making the Elected Vice President ExecCom's Awards Board coordinator.

MAILING LISTS. The opening paragraph of Statement of Policy #6 was amended by BofD in May. It now reads: "IEEE membership mailing lists, whether obtained through IEEE Headquarters or through any IEEE organizational unit, may be used only in connection with normal IEEE-sponsored activities, and maybe used only for such purposes as are permitted under the New York Not-For-Profit Corporation Law. Any requests to Headquarters for a mailing list shall state the purpose for which the listing is to be used. A request for an exception to the above rule may be submitted to the IEEE General Manager."

UPDATED CALENDAR of Appointments & Elections is presented in this E.E., pp. 4C-4D. Used by Nominations & Admissions Committee (N&A), it is also useful to Section and Group/Society officers and to standing committees. Revised. Current. Consistent with Bylaws. Not obtainable elsewhere. Save one year. (Copy, Emily Sirjane)

Since BofD is not now scheduled to meet in August, the new calendar differs from

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those issued previously (E. E. Aug. '71, pp. 2, 4A-4B). Note particularly the schedules for August-September in the naming of chairmen of the 1973 standing committees and boards, and slates due October 1 from the chairmen so named.

Who is on the N&A? (E. E. Apr., p. 3.) See, and get used to consulting, the Organization Roster (currently that of March '72, p. 11; new one due September) to answer most questions about IEEE personnel. (Copy, Emily Sirjane)

PUBLICATION NEWS

FLECKENSTEIN REPORT, (E. E. Dec. '71, pp. 3-4) digested in Spectrum, December '71, pp. 63-71, is now available in full. Entitled: "Economic Conditions in the U.S. Electrical, Electronics, and Related Industries: An Assessment," it is printed in two parts. Part I is the committee's unabridged summary of its principal findings. Part II embodies the supporting papers. (Members, \$6. Jack Kinn)

AUGUST 1972 SPECTRUM is carrying:

- Position statements by candidates running for election as IEEE officers and Directors, pp. 90-95. (E. E. June, p. 1)
- Particulars of increase in dues and establishment of fees in certain Regions, effective in 1973, pp. 88-89. (E. E. June, p. 2)
- First report on Survey of Salaries.

(See Item above in this E. E.)

- IEEE Awards won by high school entrants at International Science & Engineering Fair, "Inside IEEE." (Cf. E. E. Aug. '71, p. 7.)

"PERSPECTIVE," a new department of Spectrum, was initiated in July, (pp. 19; 40-41) covering the general field of (U. S.) Federal Research & Development (R&D). August takes up the Space Shuttle. September, Technology Assessment. The objectives of these 2-page summaries are best understood by examination. Some portions of the topics thus introduced are susceptible of expansion in future feature-articles.

INSPEC information service (E. E. Aug. '69, p. 3; Apr. '72, p. 4) employs over

500 scientists and abstractors at the Institution of Electrical Engineers, London (IEE). IEEE is co-publisher and exclusive distributor in the Americas.

A new brochure describes the coverage of INSPEC's 4 journals. Two—Electrical & Electronics Abstracts, and Computer & Control Abstracts—report monthly on new books, patents, conference proceedings, technical papers, articles, reports, and dissertations published worldwide, plus semiannual author and subject indexes. Their two counterparts—Current Papers in Electrical & Electronics Engineering, and Current Papers on Computers & Controls—are low-cost current-awareness journals which omit abstracts and indexes but contain the rest. (Brochure, Dud Broderick)

"TRANSACTIONS" ISSUED ON TIME.

Group/Society Transactions, which two years ago were representatively being put out on schedule only 55% of the time, are now being mailed on the dot in 95% of all cases and in some months 100%. This improvement was no magic—it reflects much painstaking attention to detail by Woody Gannett's staff, headed by Managing Editor Jim Carter, plus teamwork on the part of Groups/Societies' editors and publication units.

SUBSCRIPTION RATES for individual IEEE-nonmembers will be increased in '73.

CONFERENCE NEWS

INTERCON/WESCON TO BE INTEGRATED. Bill Hilty, Director of IEEE Convention and Publishing Services, is leaving Sept. 15 to become Assistant General Manager Conferences/Exhibitions for the Society of Manufacturing Engineers (SME), Dearborn, Mich.

Staffs of IEEE International Convention & Exposition (Intercon) and Western Electronic Show & Convention (Wescon), effective Sept. 1, will be integrated under Don Larson, experienced and well known in the convention world, presently General Manager of Wescon, who will direct from Los Angeles. Joe Doblmeier, Exposition Manager, Howard Schumacher, Meetings

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SUMMARY OF S. 32, THE NATIONAL SCIENCE POLICY AND PRIORITIES ACT

JUNE 27, 1972

GENERAL

This bill establishes national science policy and programs to focus the Nation's scientific talent and resources on its civilian priority problems. It authorizes \$1.8 billion over a three-year period -- \$50 million to advance the state-of-the-art in priority research areas; \$1.2 billion to design and demonstrate civil science systems which can provide improved public services; and \$560 million to aid States, communities, companies, and individual scientists, engineers, and technicians in making the transition to civilian research and engineering programs.

NATIONAL POLICY PROVISIONS

Congress declares as national policy that: (1) Federal funds for science will grow in proportion to GNP; (2) technical manpower must have continuing employment opportunities at their professional skill levels; (3) Federal funds for civilian R & D must be raised to parity with military R & D; and (4) Federal programs for civilian R & D must be focused on meeting national needs in priority areas.

TITLE I -- SCIENCE POLICY

Bill gives explicit authority to National Science Foundation to develop national policies for applying science to social problems. Also broadens composition of National Science Board to include more technical-industrial representation. NSF also authorized to identify priority areas of civilian R & D and to use \$50 million to advance state-of-art in those areas.

TITLE II -- CIVIL SCIENCE SYSTEMS ADMINISTRATION

Bill establishes Civil Science Systems Administration and authorizes \$1.2 billion to do research, design, testing and evaluation, and demonstration of civil science systems capable of providing improved public services in areas such as: health care, public safety, public sanitation, pollution control, housing, transportation, public utilities, communications, and education.

Programs would be carried out through contract with industry, universities, nonprofit organizations and public agencies, and would include provision for transfer of funds to other government agencies. Over FY '73, '74, and '75, the Administration would be authorized -- \$55 million for planning civil science systems; \$140 million for applied social research necessary to design such systems; \$790 million for research and design of civil science systems; \$105 million for testing and evaluation of such systems; \$30 million for dissemination of technical information on such systems; and \$80 million for public demonstration of civil science systems.

TITLE III -- TECHNICAL MANPOWER TRANSITION

Bill authorizes NSF to plan and assist in transition of scientific and technical manpower from research and engineering programs which have been terminated or significantly reduced, to other civilian-oriented research and engineering

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activities. The \$560 million is authorized to aid States, communities, companies, and individual scientists, engineers, and technicians make the transition. Programs include: \$15 million for research on economic conversion; \$95 million to State, regional and local governments for training of government officials, operating conversion programs, and for hiring unemployed technical personnel to work in government positions; \$90 million for Community Conversion Corporations to channel research and engineering programs in hard-hit communities; \$275 million for Job Transition Programs to enable companies to hire technical personnel to work on civilian projects for which they are not yet fully qualified (on-the-job training); \$55 million for Career Transition Fellowships to unemployed or underemployed technical personnel to acquire skills in other fields; \$20 million for placement assistance to technical personnel who are unemployed or underemployed; and \$10 million for developing university courses and curricula oriented toward civilian engineering projects. Title IV also provides for the establishment of portable pensions for scientists and engineers to protect their pension rights as they shift from one organization to another.

LEGISLATIVE ACTION REQUEST



NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS
2029 K Street, N.W., Washington, D.C. 20006

On June 28th, the Senate Committee on Labor and Public Welfare, by roll call vote in Executive Session, unanimously approved S-32 AND THE PENSION AMENDMENT appended thereto. A favorable Senate vote is expected in early August and it is hoped that the House will promptly move ahead on a companion bill (H.R. 15789). The pension amendment is as follows:

TITLE IV--PROTECTION OF PENSION RIGHTS OF SCIENTISTS AND ENGINEERS

Sec. 401. Findings and Policy. The Congress finds that because of rapid and frequent changes in federal procurement objectives and policies, engineering and scientific personnel suffer a uniquely high rate of forfeiture of pension benefits under private pension plans, as such employees tend to change employment more frequently than other workers. The Congress declares that it is the policy of the United States to seek to protect scientists and engineers from such forfeitures by making pension protection a condition of compliance with federal procurement regulations.

Sec. 402. The Director shall develop, in consultation with appropriate professional societies and heads of interested Federal Departments and procurement agencies, recommendations for modifications of Federal procurement regulations to insure that scientists, engineers and others working in associated occupations employed under Federal procurement, construction on research contracts or grants shall, to the extent feasible, be protected against forfeitures of pension or retirement rights or benefits otherwise provided, as a consequence of job transfers or loss of employment resulting from terminations or modifications of Federal contracts or procurement policies.

Sec. 403. Recommended changes in procurement regulations shall be developed by the Director, as required by section 402, within six months after enactment of this Act, and shall be published in the Federal Register within 15 days thereafter as proposed Regulations subject to comment by interested parties.

Sec. 404. After publication under section 403, receipt of comments, and such modification of the published proposals as the Director deems appropriate, the recommended changes in procurement regulations developed under this Title shall be adopted by each Federal Department and procurement agency within 60 days thereafter unless the head of such Department or agency determines that such changes would not be in the national interest or would not be consistent with the primary objectives of such Department or agency.

(CONTINUED)

Hearings on the substance of the conversion legislation have been held in the House by the Committee on Science and Astronautics. That Committee must report an S-32 type bill out as a prelude to floor action in that body. The pension amendment should be included in the House measure if possible.

Accordingly, interested engineers should write to members of the House Committee on Science and Astronautics urging favorable action on companion bill H.R. 15789. These members are:

Democrats

George P. Miller, Chairman (Calif.)
 Olin E. Teague (Texas)
 Ken Rechler (W. Va.)
 John W. Davis (Ga.)
 Thomas N. Downing (Va.)
 Don Fuqua (Fla.)
 Earle Cabell (Tex.)
 James W. Symington (Mo.)
 Richard T. Hanna (Calif.)
 Walter Flowers (Ala.)
 Robert A. Roe (N.J.)
 John F. Seiberling (Ohio)
 William B. Rangel (N.Y.)
 Morgan F. Murphy (Ill.)
 Mike McCormack (Wash.)
 Mendel J. Davis (S.C.)
 Bob Bergland (Minn.)

Republicans

Charles A. Mosher (Ohio)
 Alphonso Bell (Calif.)
 Thomas M. Pelly (Wash.)
 John W. Wydler (N.Y.)
 Larry Winn (Kan.)
 Robert Price (Tex.)
 Louis Fry (Fla.)
 Barry M. Goldwater, Jr. (Calif.)
 Marvin L. Esch (Mich.)
 Lawrence Coughlin (Pa.)
 John N. Camp (Okla.)

Letters to Representatives may be addressed to the individual at: United States House of Representatives, Washington, D.C. 20515

(APRIL 1972 - MARCH 1973)



Composition of Board of Directors

Elected by members:
 President
 Vice-President
 Junior Past President
 Senior Past President
 Regional Directors (9)
 Divisional Directors (6)

Elected by Annual Assembly:
 Vice-President - Publication Activities
 Vice-President - Regional Activities
 Vice-President - Technical Activities
 Secretary
 Treasurer
 Director, Region 10
 Chairman, Educational Activities Board
 Vice-Chairman, Technical Activities Board
 Executive Director

Board of Directors Appointments

Awards Board
 Conference Board
 Educational Activities Board
 Executive Committee
 Fellow Committee
 Intersociety Relations Committee
 Life Member Fund Committee
 Long Range Planning Committee
 Nominations and Appointments Committee
 Publications Board
 *Regional Activities Board
 *Technical Activities Board
 Tellers Committee

Executive Committee Appointments
 Admission and Advancement Committee
 *Finance Committee
 History Committee
 Membership and Transfers Committee

*See Bylaws

APPOINTMENTS

APRIL Call for recommendations issued to organizational units, inviting the submission of names to be considered for appointment to Standing Committees and Boards for the following year. Deadline date for submission: June 1.

Incumbent Chairmen of Standing Committees and Boards requested to submit by June 1 recommended slates for the following year. (Candidates for Chairmen to indicate willingness to serve, if appointed.)

Nominations and Appointments Committee to recommend to the Board of Directors appointment of Awards Board Chairman for the next year.

BOARD OF DIRECTORS TO APPOINT AWARDS BOARD CHAIRMAN FOR THE NEXT YEAR.

JULY Names of proposed candidates for Chairmen of Standing Committees and Boards submitted to Nominations and Appointments Committee.

SEPTEMBER Nominations and Appointments Committee to recommend to the Board of Directors and Executive Committee appointment of Standing Committee and Board Chairmen for the following year.

Nominations and Appointments Committee to recommend to the Board of Directors appointment of members of the Awards Board for the coming year. (Early appointment required to organize Committees of the Awards Board before the end of the year.)

BOARD OF DIRECTORS AND EXECUTIVE COMMITTEE TO APPOINT CHAIRMEN OF STANDING COMMITTEES AND BOARDS, AND MEMBERS OF THE AWARDS BOARD FOR THE NEXT YEAR.

Proposed Chairmen of next year's Committees and Boards furnished with nominations received, with a request to submit recommended slates by October 20.

OCTOBER Recommended slates from proposed Chairmen submitted to Nominations and Appointments Committee.

NOVEMBER Nominations and Appointments Committee to submit to Board of Directors and Executive Committee names of candidates recommended for appointment as members of next year's Standing Committees and Boards.

BOARD OF DIRECTORS AND EXECUTIVE COMMITTEE TO APPOINT MEMBERS OF STANDING COMMITTEES AND BOARDS FOR THE NEXT YEAR, THESE APPOINTMENTS TO BE RATIFIED BY THE NEXT BOARD OF DIRECTORS AND EXECUTIVE COMMITTEE.

APPOINTMENTS (CONTINUED)

NOVEMBER (Continued) Nominations and Appointments Committee to recommend candidates to serve on the Executive Committee for the next year.

BOARD OF DIRECTORS TO APPOINT EXECUTIVE COMMITTEE.

JANUARY BOARD OF DIRECTORS AND EXECUTIVE COMMITTEE TO RATIFY STANDING COMMITTEE AND BOARD APPOINTMENTS AS RECOMMENDED IN PRIOR YEAR.

ELECTIONS

NOVEMBER Chairman of Nominations and Appointments Committee to circularize appropriate organizational units, inviting the submission of names to be considered for the offices of President and Vice-President to be elected by voting members. Deadline date for submission: February 1.

JANUARY TAB Secretary, before January 10, to issue call for nominations to Groups and Societies in those Divisions that are to elect Directors.

FEBRUARY Nominations from organizational units submitted to Nominations and Appointments Committee.

MARCH Nominations and Appointments Committee to submit to Board of Directors names of proposed candidates for the offices of President and Vice-President to be elected by voting members.

BOARD OF DIRECTORS TO APPROVE NAMES OF NOMINEES FOR PRESIDENT AND VICE-PRESIDENT TO BE ELECTED BY VOTING MEMBERS.

APRIL REGIONAL COMMITTEES TO SUBMIT TO BOARD OF DIRECTORS BY APRIL 30 NAMES OF NOMINEES FOR REGIONAL DIRECTOR IN THOSE REGIONS THAT ARE TO ELECT DIRECTORS.

Groups and Societies in Divisions to submit to Nominations and Appointments Committee by April 30 names of proposed candidates for Divisional Director.

MAY NOMINATIONS AND APPOINTMENTS COMMITTEE TO PREPARE BALLOT FOR DIVISIONAL DIRECTOR CANDIDATES.

JUNE LIST OF NOMINEES TO BE ELECTED BY VOTING MEMBERS PUBLISHED IN JUNE SPECTRUM WITH ANNOUNCEMENT OF PROCEDURES FOR NOMINATION BY PETITION.

JULY Deadline date for nominations by petition: twelve o'clock noon on the Friday preceding August 1.

AUGUST BALLOTS MAILED TO VOTING MEMBERS AND TO VOTING MEMBERS IN DIVISIONS HAVING ELECTIONS.

OCTOBER Nominations and Appointments Committee to recommend candidates for election by annual Assembly.

NOVEMBER Deadline date for ballots returned by voting members: twelve o'clock noon on first working day following October 31.

RESULTS OF ELECTION BY VOTING MEMBERS REPORTED TO THE BOARD OF DIRECTORS BY TELLERS COMMITTEE.

ANNUAL ASSEMBLY TO ELECT NINE DIRECTORS, INCLUDING FIVE CORPORATE OFFICERS.



TECHNICAL ACTIVITIES BOARD

Future Conference Listings

The joint RAB/TAB Technical Meetings Committee has set as a goal for the October 1972 issue of the IEEE Master Meeting Schedule that all regularly recurring meetings be listed at least 5 years in advance. Advance planning is desirable from the point of view of the sponsors, and may well be underway. But unless advance dates and places --- even provisional plans --- are given to us for the IEEE Master Meeting Schedule, it is impossible for the sponsors of other events to select dates and places so as to minimize conflicts with the recurrent IEEE meetings.

In view of the above, each IEEE sponsor (or cosponsor) of a recurring major meeting is urged to review the July issue of the Master Meeting Schedule. If we do not list your advance meetings, please send us as much information as you have by September 1. Clearly indicate whether data is firm or provisional.

Also, please note that the Master Meeting Schedule lists the General Chairman for each meeting as the contact for detailed information. If you have a permanent office, or conference manager, that you wish to substitute as the contact point, please do so --- but indicate clearly to us that you have made this substitution.

Extension of Outstanding Speaker Program

1. As an experiment, the IEEE Board of Directors provided financial support for an Outstanding Speaker Program which has been handled by Dr. P. D. Edmonds at Headquarters.

The program has caught on slowly but seems to be earning very favorable responses. The principal difficulty has been the large lead times -- of the order of 3 months -- for a traveller (e.g. from Region 8 to the U.S.A. or from the U.S.A. to Region 8) and the Sections to arrive at a mutually satisfactory schedule.

2. For a number of years some Groups and Societies have been sponsoring somewhat similar programs identified by titles such as "Distinguished Lecturer," or "National Lecturer." Vice President Dillard has discussed this with TAB OpCom and an agreement has been reached to augment these programs to the extent that funds are available on a matching basis. Groups and Societies that have such programs should have received detailed information from the TAB Office. Sections and Chapters wishing to take advantage of the Extended Speaker Program should promptly contact both Dr. Edmonds and the Group or Societies from which they wish to have a Distinguished Speaker.

Blank Pages in Group/ Society Transactions and Journals

The TAB Finance and Publications Committee have expressed concern that blank pages sometimes appear in issues of the Transactions and Journals. These might be utilized for promoting future conferences and similar activities or for promoting the sales of back issues, conference publications, and standards.

Because most printing is done in units of 16 or 32 pages, it is usually not economical to eliminate a few blank pages from issues. Accordingly the above committees are recommending that the Groups/Societies and Councils provide standby material that can be utilized whenever an opportunity presents itself. The TAB office will work with the individual editors in the headquarters Editorial Department in making appropriate selections from among available materials, e.g., announcements of future conferences might take precedence over a listing of back issues of Transactions. All publications sponsors are urged to cooperate in providing suggestions and draft material for the above purposes.

Shipping Conference Publications to IEEE Headquarters

In most cases conference publications are shipped promptly to IEEE Headquarters. This is important both with respect to our ability to handle single copy orders received in response to the conference publicity, and also with respect to our commitment to supply conference publications to our Open Order Plan Subscribers. In some cases, unfortunately, there have been extraordinary delays in shipping publications to IEEE Headquarters. The TAB Finance and Publication Committees have considered this problem and have recommended that we institute the following discount procedures.

- a) The effective availability date of a conference publication will be taken as the closing date of the conference, if the publication is distributed at the conference as part of the registration procedures. If the publication is printed after the conference, the publication date will be the availability date.
- b) A grace period of one week will be allowed for shipment to IEEE headquarters. Thereafter, a discount of 1% of the list price for each week of delay in shipping the publication will be deducted from any payments to the Conference, or to the Conference Sponsor(s). Note that the shipping date for the bulk quantity of 300 copies specified in Policy Statement #3.2(b) applies, not the shipping date of a few advance copies.
- c) Collections from this procedure will be used by the TAB Publications Committee for the promotion of memberships and the sale of publications.

Independent Promotion of Sales

Frequently, Groups/Societies and Conferences publish materials promoting the sale of various products. We strongly urge that these promotional efforts include the following provisions.

1. Payment with order: If the Business Office is required to prepare and mail an invoice, the billing costs for handling the order are increased by an estimated \$1.50. When invoicing is necessary, this additional expense will be added in the invoice to the purchaser rather than be deducted from the sales receipt credited to the Group/Society or Conference.

2. Shipping label: It is desirable that the purchaser provide detailed shipping information, including zip zones with all orders. An extra order-handling detail for IEEE headquarters will be eliminated if the sales promotion includes a coupon such as the one reproduced on the right, which has a shipping label attached.

Mail Order & Payment to: IEEE, 345 East 47 St. New York, NY 10017		
Order Code No.	Units	Price
Total Amount		\$
----- SHIPPING LABEL		
Print Name	IEEE No.	
Street		
City	State/Country	Zip

It is obviously of advantage to everyone to simplify our operations. It both speeds up the responses to orders and also reduces costs that ultimately result in benefits to the individual IEEE member or other purchaser, as well as to the Group/Society and other operating units.

Note:

In the June issue we discussed the price of labels as being one cent each for internal IEEE purposes (which enjoys a bit of subsidy) and four cents for outside sales. Unfortunately, these data appear as .01¢ and .04¢ -- that would really be a cheap price for labels. We cannot afford to sell 2,500 labels for one dollar.

Manager, and others of the Intercon staff will remain in New York.

INTERCON HEREAFTER may not be a Hotel Hilton or even a New York City exclusive. Intercon '73 will be held in New York at the Americana and the Coliseum. Subsequent odd-numbered years may still see it in New York; but, by suitable changes in Bylaw 601.1, BofD is giving consideration to moving it to other cities in even-numbered years, including Philadelphia in 1976, the U. S. bicentennial anniversary year.

INTERCON PHILOSOPHY. ExecCom in April asked the Conference Board to establish a market-research capability to discover the most important new and existing fields in electrical/electronics business and to use these as nuclei around which to build exhibits and technical programs.

REGION NEWS

A REGIONAL MANUAL is in the making. In draft form in April, the final document will be available this December to the 1973 Regional Directors.

The Section Manual is also being revised for issuance under single cover rather than in parts (E.E. June, pp. 4-5).

SOCIETAL NEEDS OF YOUNG ENGINEERS, filling of which was initiated as a pilot project in Atlanta Section, has been expanded to include all Region 3 Sections.

IEEE'S SERVICES. From time to time (e.g., E.E. Apr. '68, pp. 5 and Supplement) explanations of "how the IEEE pieces fit together" are updated. Currently a lecture of 13 pages and 23 slides is available to Regions and Sections. A new feature is additional text and slides, tailored to the individual Region where used. Ask your Regional Director how to borrow a set. (Information, Charlie Stewart)

Appropriately another departure is emphasis on the Institute's services to society.

BULK SHIPMENT OF PUBLICATIONS overseas by air is undergoing shakedown

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trial to and in Region 8 (Europe et al) with REMSEF funding (Regional Member-Service Experiment Fund), administered by Regional Directors (E.E. Feb., p. 3; Spectrum, Dec. '71, p. 7).

The timeliness of receipt of technical publications by overseas members is a palatable element of educational service. REMSEF 8 trial has shown that incremental costs are within reason if Spectrum and Proceedings are sent air freight, U. S. to Brussels, thence fanned out by surface transport to destination.

Recipients have been warned that they may thus get September issues before August and July!

SECTION NEWS

16 MONTHS FOR THE PRICE OF 12. We point it out again, with additional emphasis on account of dues increase and Regional assessments in 1973, that all Sections, Chapters, Groups/Societies ought to make a concerted effort to enroll new members (or enter new subscriptions) now. August '72 applications for Sept. 1 elections will secure a new member 16 months of service (i.e., until Dec. 31, '73) for one year's dues at the \$25 rate prevailing when he joins and no Regional assessment to pay—a great bargain and a sufficient reason to go after applications hard in August (wherever you can) and in September, certainly, at your very first fall meeting or opening of college. The advantage dwindles month by month. But new-member applications received in December '72 get the \$25 rate for 1973.

Section rebates based upon Dec. 31 memberships earn your Section quick cash for early fall sign-ups. See Bylaws 108.5, 405.7, 501.6.

SECTION CHAIRMEN'S WORKSHOP for all newly elected chairmen of Sections will be held in Los Angeles Sept. 20 in connection with Wescon. Section chairmen have been furnished a list of topics. (Copy, Charlie Stewart)

IEEE has no better training to offer than that given at prepared workshops—so much better, if you can be there, than feeling your own way, unguided.

August 1972

WORKSHOP FOR LARGE SECTIONS.

(Ref. E. E. June, p. 5.) Sections having >4K members have special problems, best prepared for by specialized, all-day workshops. Such was held in Engineers Club, New York, May 25, attended by Section chairmen from Boston, Chicago, Washington, Philadelphia, New York, Long Island, North Jersey. (Agenda, for emulation, Charlie Stewart)

Also try buttonhole Bill Middleton wherever he pops up—e.g., at Wescon, Los Angeles, Sept. 20.

INDIA SECTION, covering the Asian sub-continent in Region 10 (map, Organization Roster, 3rd frontispiece), is to be congratulated on Vol. 1, No. 1 of "IEEE News," a copy of which came to editor E. E. Of 24 pages in glossy cover, containing news, articles, and ads, it is a credit to officers, publishing committee, and the Section's 3 Fellows, 109 Senior Members, 465 other IEEE members, and 502 Group/Society members residing in the Republic. (Secretary's Report 1971—copy, Emily Sirjane)

RETENTION OF COLLEGE GRADUATES. (E. E. June, p. 5; and below under "Student News.")

Section Chairmen: Please check to see that your Membership & Transfers Committee (M&T) has an orderly followup of each Member or Associate (formerly Student) moving into your territory. Also please check your Hospitality Committee to see that these potential Section workers of years to come are made welcome and given something to do.

Note: If response warrants, E. E. will run a composite centerfold with Section credits, listing "put-'em-to-work" duties it has been found first-year recruits (from college or otherwise) have discharged creditably. This would be to inspire. Omit names. Write editor.

Graduating Students were asked in May/June to provide address information so that IEEE services would be maintained. Response was 4,573 out of 5,486 mailed—84%—an indication of lively interest where interest is what's needed. Cater to it!

BRANCH/SECTION COOPERATION. A year ago E. E. printed the following. Still good!

"September invites fresh contacts between Section chairmen and college Counselors in Section territory, and a new look at things of common interest. For example, a joint technical meeting at the college during the year and one where the Section meets are productive; there should be Student engagement in planning both. Most Students like panel discussions and audience participation. They also like relevant tours of plants. They will listen attentively to what a young engineer has to say about his job.

Section chairman volunteering technical speakers for Branches should watch their step: 1) to secure quality to match the high norm the college offers; 2) to avoid leaving Students with the feeling of having "wasted an evening on one more class."

Sections can be helpful in hosting papers contests, especially when more than one college is involved.

STUDENT NEWS

COUNSELORS IN IEEE BRANCHES. The degree of involvement in IEEE matters at a given college in a given year is usually a reflection of the drive which the Counselor, as "coach," is able to impart to the Branch chairman and his team. The comparison of a successful Branch operation and a winning athletic team is not far-fetched.

STUDENT BRANCH HELPS. All IEEE material for Students and Branches has been revised and given a "new look." . . . Promotional packages are being mailed each Branch in early August. . . . Eye-catching formats bear computer-generated graphics, Large Scale Integration patterns, electrical/electronic symbols.

Slow return is reported on a questionnaire sent by Peter Mauzey, chairman Student Activities Committee (SAC) to Counselors and Branch chairmen with due-date of June 23, but replies are still welcome. Bob Asdal, of the IEEE staff, wants to know more about each Branch so that his services may be pinpointed. Wide response would be

valuable to the questions about academic schedules, mechanics of officer elections and turnover, membership promotion and other Branch practices. (Copies of questionnaire to replace losses, Bob Asdal)

IEEE STUDENT NEWSLETTER, a quarterly, has been authorized. News items are solicited. Turn the floodlights on your Branch in the kickoff issues by sending spot news to Bob Asdal.

STUDENT MEMBERSHIPS. The 2nd item under "Section News," above, is applicable to Students. For one year's dues a new Student member can secure full service from September 1972 through December 1973. Only after that would dues be on a calendar year basis. . . . 16 months for the price of 12. . . . A bargain! And Student dues are the only ones that aren't going up. . . . Double-bargain.

BRANCH CONTESTS. August-September are the months to start thinking about and writing a proposal for the Vincent Bendix Award. (Brochure, Bob Asdal)

Equally timely are advance thoughts on entering the Student Paper contests originating at various levels of IEEE. Counselors have information of contest activity in your locality. (Information, Bob Asdal)

STUDENT BRANCHES IN NEW YORK AREA will join forces in holding a series of fall Employment Seminars in common "to help the student prepare himself for the 'marketing' needed to obtain a professional job at a time when such jobs are scarce and the competition is keen." See August Spectrum, "Inside IEEE," for details.

TOOLS AND AIDS

STATEMENTS OF POLICY are referred to almost as frequently as Bylaws and for all practical purposes are just as binding. Become familiar with them. They are included in Section and TAB

Manuals. (Copy, Emily Sirjane or Marian Herrick)

IEEE SHORT COURSES. A 16-page pamphlet: "How to Organize an IEEE Short Course" is on the press. (Copy, Mrs. White)

IEEE REPORTS FOR 1971. (E. E. Apr., p. 6.) Abridged reports of last year's Secretary and Treasurer with an introduction by President Tanner were printed in June Spectrum, pp. 58-69. Similar reports in June Spectrums previous years.

A prolific source of information about the Institute. Don't guess—know!

SEPTEMBER ORGANIZATION ROSTER available in early fall, shows names of newly elected officers. In connection with its compilation, Sections and others should refer to E. E. June, p. 4.

EMBLEMS AND PINS for Groups/Societies was the subject of a BofD Statement of Policy (E. E. June, p. 4A). It will be incorporated as part of Statement of Policy #5, Trademark and Copyrights.

WHO GETS E. E.? Mailings go to the "working contingent" on volunteer assignments. Distribution is to directors; members of all committees and boards listed in Bylaw 304.2. Under Awards Board, its committees. IEEE representatives to outside organizations. JTAC. Under TAB: Group/Society Administrative Committees; editors; members of TAB standing committees; chairmen of conferences. In the regions: Regional assistants; Council officers. In the Sections: chairmen, vice chairmen, secretaries, treasurers; Section offices; Subsection chairmen, secretaries, treasurers; Group/Society Chapter chairmen; IEEE Counselors; Section editors; publicity chairmen. IEEE staff, active & retired. Past Presidents. Retired officers (first year, upon request only). Beginning with October '72 issue, Branch chairmen will receive E. E. direct instead of through Counselors (E. E. June, p. 6).

"FOR YOUR INFORMATION"

EMILY SIRJANE on July 7 celebrated her 25th anniversary with IRE/IEEE. Her wide "following" on the convention/conference circuit and throughout the field justifies singling her out for E.E.'s congratulations—in token recognition of others on the staff who have passed the quarter-century milestone. Many happy returns, Emily!

SISTER-SOCIETY STAFF CHANGES.

Rogers Finch has replaced O. B. Schier, 2nd, deceased, as Executive Director & Secretary of ASME. . . Eugene Zwoyer has succeeded William Wisely, retired, as Executive Director of ASCE.

SHARE THE INFO. E.E. comes to you by virtue of your IEEE activity.

Save 6 issues, so that you may trace the continuity of an evolving topic—and so that we may compress items for busy readers.

Good! But don't hog the info. Get the word around.

N.B., Editors, all IEEE periodicals. You are welcome to copy or paraphrase anything in E.E. for onward transmission.

WELCOME ABOARD!

New Group/Society Chapters in Sections:

Miami Section: Joint Communications Society/Vehicular Technology Group Chapter.

Ottawa Section: Microwave Theory & Techniques Group Chapter.

Southeastern Michigan Section: Joint Instrumentation & Measurement/Engineering in Medicine & Biology Groups/Systems, Man & Cybernetics Society Chapter

Reconstituted Chapters in Sections:

Joint Long Island/New York Sections: Antennas & Propagation Group Chapter. (Chapters merged)

Joint Long Island/New York Sections: Joint Control Systems/Systems, Man & Cybernetics Societies Chapter (New York's Control Systems Society Chapter merged).

Joint Long Island/New York Sections: Microwave Theory & Techniques Group Chapter. (Chapters merged)

New Student Branches:

Asheville-Buncombe Technical Institute, Asheville, North Carolina

Le Tourneau College, Longview, Texas.

Pennsylvania State University, (Campus) McKeesport, Pennsylvania.

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Green - TAB News	4E-4F